



## **Error Reference Manual**

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# Preface

This guide lists and describes the system error messages for the Enterasys routers. The system software sends these messages to the console during operation. Some of the generated messages are for informational purposes only and do not require action. Other messages indicate a caution or error condition that may require action.

## Reading Messages

Each message begins with a percent sign and has the following format:

`<timestamp>%<facility>.<severity>.<description> <message text>`

where:

- `<timestamp>` lists the date and time when the message appeared (e.g., 2002-08-23 14:32:00).
- `<facility>` is a code consisting of uppercase letters that indicates the facility to which the error message refers.
- `<severity>` is a single-letter code indicating the severity of the error condition. There are five severity levels:
  - **I** – informational message (least severe)
  - **A** – audit message
  - **W** – warning condition
  - **E** – error condition
  - **F** – fatal error (most severe)
- `<description>` is a code consisting of uppercase letters that identifies the error message.
- `<message text>` is a text string that briefly describes the error condition.

**Note:** You do not need to respond to informational messages.

## How to Use This Book

Each chapter in this book lists and describes the messages generated by the different system facilities. There is one chapter for each system facility. Within each chapter, messages are grouped by severity and alphabetized.

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To send comments or suggestions concerning this document to the Technical Writing Department: <b>TechWriting@enterasys.com</b>	
To expedite your message, please type <b>[techwriting]</b> in the subject line, and include the document Part Number in the email message.	

**Before contacting Enterasys Networks for technical support, have the following information ready:**

- Your Enterasys Networks service contract number
- A description of the failure
- A description of any action(s) already taken to resolve the problem (for example, changing mode switches, rebooting the unit, etc.)
- The serial and revision numbers of all involved Enterasys Networks products in the network
- A description of your network environment (layout, cable type, etc.)
- Network load and frame size at the time of trouble (if known)
- The device history (for example, have you returned the device before, is this a recurring problem, etc.)
- Any previous Return Material Authorization (RMA) numbers

# Chapter 1

## Layer 3 Access Control List (ACL) Error Messages

This chapter describes the error messages for the Layer 3 Access Control List (ACL) facility.

### Informational Messages

#### **%ACL-I-NOACL No ACL applied to interface <interface\_name>**

**Explanation:**

The user is trying to see if an ACL is applied to a specific interface. This message indicates that there are no ACLs applied to this interface.

**Recommended Action:**

Informational Message. No action necessary.

#### **%ACL-I-NOALL No ACL applied to all IP interfaces.**

**Explanation:**

There is no ACL that is applied to all IP interfaces.

**Recommended Action:**

Informational Message. No action necessary.

## **%ACL-I-NOALL No ACL applied to all IPX interfaces.**

**Explanation:**

There is no ACL that is applied to all IPX interfaces.

**Recommended Action:**

Informational Message. No action necessary.

## **%ACL-I-NOCHANGE No change was made, exiting...**

**Explanation:**

The user is attempting to use the **save** command in the ACL editor but no change has been made.

**Recommended Action:**

Informational Message. No action necessary.

## **%ACL-I-NONE No ACL applied to any services**

**Explanation:**

There is no Service ACL applied to any services on the X-Pedition router.

**Recommended Action:**

Informational Message. No action necessary

## **Audit Messages**

### **%ACL-A-APPLY “ACL (%s) applied to %s:%s.”**

**Explanation:**

The ACL identified was applied to an interface, port, or service.

**Recommended Action:**

Security audit message. No action necessary.

## **%ACL-A-CREATED “ACL (%s) created <%s>.”**

**Explanation:**

The ACL listed was added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%ACL-A-MODIFIED “ACL (%s) modified.”**

**Explanation:**

The ACL identified was modified and added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%ACL-A-NOAPPLY “ACL (%s) removed from %s:%s.”**

**Explanation:**

The ACL identified was removed from an interface, port, or service.

**Recommended Action:**

Security audit message. No action necessary.

## **%ACL-A-REMOVED “ACL (%s) removed <%s>.”**

**Explanation:**

The ACL identified was removed from the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## Warning Messages

**%ACL-W-STNOPORTS ACL <acl\_name> applied to SmartTRUNK that contains no ports. Please add ports to the SmartTRUNK using the “smarttrunk add ports” command.**

**Explanation:**

A user applied an ACL to a SmartTRUNK port that contains no actual ports. In this state, the ACL will not affect any traffic until the user adds physical ports to the SmartTRUNK.

**Recommended Action:**

Add ports to the SmartTRUNK using the **smarttrunk add ports** command.

## Error Messages

**%ACL-E-ALREADY ACL <ACL\_name> is already applied to interface <interface\_name>.**

**Explanation:**

The user is trying to apply an ACL to an interface where this ACL is already applied.

**Recommended Action:**

None. An ACL can only be applied to the same interface in the same direction once.

**%ACL-E-BADACLNAME Unknown or invalid ACL name: <ACL\_name>**

**Explanation:**

The user is trying to apply a non-existent ACL to an interface.

**Recommended Action:**

Create the ACL first before applying it to the interface.

## **%ACL-E-DSTFLOWMODE Interface ‘%s’ has a port in Destination Flow Mode.**

### **Explanation:**

The user is trying to attach an ACL to an interface which has one or more ports in Destination flow based routing mode. An inbound ACL cannot be applied to such interfaces because the ACL may have Source IP, Source Port, or Destination Port field in its parameters.

### **Recommended Action:**

Either the ports associated with the interface should not be in Destination Flow based mode or the ACL should only contain Destination IP address in its parameters.

## **%ACL-E-GNSDIRECTION IPXGNS ACL can only be applied to output.**

### **Explanation:**

The user is trying to apply a GNS filter (IPX ACL) to the input direction. Since the Get Nearest Server (GNS) requests are sourced by the X-Pedition router, it doesn't make sense to apply an IPX GNS ACL on the inbound side.

### **Recommended Action:**

None. GNS filters cannot be applied to the input direction.

## **%ACL-E-HSTFLMODINCOM ACL %s has incompatible rules for Host Flow based routing.**

### **Explanation:**

The user is trying to set the port to Host Flow based routing mode which is not compatible with the ACL associated with the port. The ACL might be having rules on Src Port or Destination Port, all of which in the packet will not be considered if the port is in Host Flow based mode.

### **Recommended Action:**

Find out the ACL that is causing the conflict and detach it from the port and try again.

## **%ACL-E-HSTFLOWMODE Interface '%s' has a port in Host Flow Mode.**

### **Explanation:**

The user is trying to attach an ACL to an interface which has one or more ports in Host Flow based routing mode. An inbound ACL cannot be applied to such interfaces because the ACL may have Source Port or Destination Port fields in its parameters.

### **Recommended Action:**

Either the ports associated with the interface should not be in Host Flow based mode or the ACL should only contain Destination IP address and Source IP address in its parameters.

## **%ACL-E-HSTFLOWSERVICEACL Service ACL has incompatible rules for Host Flow based routing.**

### **Explanation:**

The user is trying to change the port mode to Host Flow based, where there is a service ACL in the system. A service ACL requires that all ports not be in either Destination or Host Flow based modes because a service ACL requires to compare the Destination Port number in the packet and a port in Destination flow mode would produce a flow block with only the Destination and Source IP addresses.

### **Recommended Action:**

Cannot change port mode to Host Flow based mode if a service ACL is present in the system. The ACL could be detached from the services if the port needs to be in Host Flow based mode.

## **%ACL-E-HWNOTSFR Slot %d of interface '%s' is not SFR compliant.**

### **Explanation:**

An ACL created with the 'tcp established' option will check for a sin/fin/reset bit (SFR) in TCP packets without an accompanying ACK bit and send any such packets to the CPU for processing. This helps prevent against SYN attacks.

### **Recommended Action:**

This functionality exists only in the SIPP (for example, T-series cards)—the X-Pedition router does not allow the use of an established ACL with a module that uses an IPP.



**%ACL-E-IFNOTFOUND <interface\_name>: no such interface.**

**Explanation:**

The user is trying to apply an ACL to a non-existent interface.

**Recommended Action:**

Create the interface first before applying the ACL.

**%ACL-E-INCOMPATIBLE ACL %s has incompatible rules for Destination based routing.**

**Explanation:**

The user is trying to set the port to Destination Based routing mode which is not compatible with the ACL associated with the port. The ACL might be having rules on Source IP Src Port, or Destination Port, all of which in the packet will not be considered if the port is in Destination based mode.

**Recommended Action:**

Find out the ACL that is causing the conflict and detach it from the port and try again.

**%ACL-E-INSERVICE <2> ACL %s is currently in use by service ‘%s’.**

**Explanation:**

The ACL is used by the service.

**Recommended Action:**

None.

**%ACL-E-IPV6COUNTER - IPv6 ACLs do not support counters.**

**Explanation:**

IPv6 ACLs do not support counters. Issuing the clear counters command on an IPv6 ACLs results in no action.

**Recommended Action:**

None.

## **%ACL-E-IPV6DIRECTION - IPV6 ACL can only be applied to input.**

**Explanation:**

IPv6 ACL supports ingress filtering only. IPv6 ACLs may not be configured for egress filtering.

**Recommended Action:**

Reconfigure the IPv6 ACL to be applied to the input port instead of the output port.

## **%ACL-E-IPV6LOGGING - IPV6 ACL can only be applied with no logging.**

**Explanation:**

IPv6 ACLs do not support the ACL logging feature.

**Recommended Action:**

Only apply IPv6 ACLs with logging disabled. If the logging keyword is not used, the default action is for logging to be disabled for IPv6 ACLs.

## **%ACL-E-IPV6POLICY - IPV6 ACL can only be applied with local policy.**

**Explanation:**

IPv6 ACLs do not support external policy.

**Recommended Action:**

Only apply IPv6 ACLs with policy configured to local. If the policy keyword is not given, the default action is for local policy on the IPv6 ACLs.

## **%ACL-E-IPV6TRAP - IPv6 ACLs do not support deny reporting.**

**Explanation:**

IPv6 ACLs do not support any logging or reporting. Issuing the deny trap command on IPv6 ACLs results in no action.

**Recommended Action:**

None.

**%ACL-E-NATCONFIGURED <2> ACL %s is currently in use by NAT as ‘%s’ dynamic pool**

**Explanation:**

The user is trying to delete an ACL which is being used by NAT in a dynamic pool.

**Recommended Action:**

None.

**%ACL-E-NATINFO <2> ACL %s is currently in use by NAT as ‘%s’ dynamic pool**

**Explanation:**

The user is trying to delete an ACL and the ACL is not present in the system.

**Recommended Action:**

None.

**%ACL-E-NOIPV6SERVICE - IPv6 ACL <aclName> cannot be applied to a Service.**

**Explanation:**

IPv6 ACLs are not supported for use with services.

**Recommended Action:**

Only apply IPv4 or IPX ACLs to services.

**%ACL-E-NOIPV6PORT - IPv6 ACL <aclName> cannot be applied to a Port. It must be Applied to an IPv6 Interface.**

**Explanation:**

IPv6 ACLs may only be applied on a per interfaces basis.

**Recommended Action:**

Configure an IPv6 interface and apply the IPv6 ACL to the interface.

**%ACL-E-NOMODIFYPORT <2> ACL is currently in use by port. Please use the ACL Editor to edit this ACL.**

**Explanation:**

The user is trying to create an ACL which is already present and is attached to a port.

**Recommended Action:**

None. You cannot create an ACL which is already present. Use a new name.

**%ACL-E-NOMODIFY ACL is currently in use at interface <interface\_name>. Please use the ACL Editor to edit this ACL (“acl-edit 1”).**

**Explanation:**

A user attempted to create or modify an ACL that is attached to a port on the router.

**Recommended Action:**

The CLI does not permit users to add or remove ACL command lines in configuration mode when the ACL is applied to an interface. An ACL line can be added, moved, or removed using the **acl-edit** command, or by commenting out or negating the **acl apply interface** line before adding or removing an ACL line from the configuration.

**%ACL-E-NOSUCHRULE Unable to find specified ACL rule; possibly deleted by another configuration task.**

**Explanation:**

The ACL that you are trying to use does not exist. This message only occurs in the rare situation where someone deleted the ACL as you try to use it.

**Recommended Action:**

Re-create the ACL that you want to use.

**%ACL-E-NOTINL4BDGVLAN ACL not applied - Port %s must belong to an L4-bridged Vlan.**

**Explanation:**

The user is trying to apply an ACL to a port which does not belong to the L4 bridging VLAN.

**Recommended Action:**

An ACL cannot be applied to a port which does not belong to L4 bridging VLAN. The user needs to add the port to an L4 bridging VLAN.

**%ACL-E-OPTMISMATCH The 'all-ip' option can not be used with an AppleTalk ACL.**

**Explanation:**

The 'all-ip' option has no meaning with respect to the AppleTalk protocol.

**Recommended Action:**

Do not use the 'all-ip' option with AppleTalk ACLs.

**%ACL-E-OPTMISMATCH1 - The 'all-ipv6' option can not be used with an AppleTalk, IPX or IPv4 ACL.**

**Explanation:**

IPv4, Appletalk, and IPX ACL may not be applied to the 'all-ipv6' interface option.

**Recommended Action:**

Configure an IPv6 ACL to be applied to the 'all-ipv6' interface option.

**%ACL-E-OPTMISMATCH2 - The 'all-ipv6in4-tunnel' option can not be used with an AppleTalk, IPX or IPv4 ACL.**

**Explanation:**

IPv4, Appletalk, and IPX ACLs may not be applied to the **all-ipv6in4-tunnel** keyword.

**Recommended Action:**

Configure an IPv6 ACL to be applied to the **all-ipv6in4-tunnel** interface option.

**%ACL-E-PORTFLOWMODE A port is in Destination Flow Mode; incompatible with Service ACL %s.**

**Explanation:**

The user is trying to apply an ACL to a service and at least one port in the X-Pedition router is in Destination Flow based mode. To apply an ACL to a service requires the Destination Port number in the packet. If any port is in Destination flow based mode then, only the Destination IP address is extracted from the packet and all other fields are ignored while constructing the flow block for flow lookup.

**Recommended Action:**

Only if none of the ports are in either Destination or Host Flow based mode, will the user be able to apply an ACL to a service.

**%ACL-E-PORTHSTFLOWMODE A port is in Host Flow Mode; incompatible with Service ACL %s.**

**Explanation:**

The user is trying to apply an ACL to a service and at least one port in the X-Pedition router is in Host Flow based mode. To apply an ACL to a service requires the Destination Port number in the packet. If any port is in Destination Flow based mode then, only the Destination IP address is extracted from the packet and all other fields are ignored while constructing the flow block for the flow lookup.

**Recommended Action:**

Only if none of the ports are in either Destination or Host Flow based mode, will the user be able to apply an ACL to a service.

**%ACL-E-PORTNOTFOUND %d: no such port.**

**Explanation:**

The user is trying to look at all the attached ACLs for a port that doesn't exist.

**Recommended Action:**

Check the appropriate slot for the presence of the port.

**%ACL-E-PROTMISMATCH There is a protocol mismatch between the ACL and the Interface.**

**Explanation:**

This message is displayed if the user tries an ACL to an interface and the protocol type (IP, IPX, etc.) of the ACL and the interface are not the same.

**Recommended Action:**

Try to attach an ACL to an interface if and only if they both have the same protocol types.

**%ACL-E-REFERENCE ACL '%s' is being referenced by other commands -- delete these references before deleting this ACL**

**Explanation:**

The user is trying to delete the ACL which is still being used.

**Recommended Action:**

Detach the ACL from all its usages before deleting it.

**%ACL-E-SAMEPROTO Another ACL (<ACL\_name>) for <interface\_name> has already been applied to this interface.**

**Explanation:**

Another ACL for the same protocol has already been applied to this interface in the same direction (input or output). You cannot apply a second ACL for the same protocol to the same interface in the same direction. For example, you can only apply one IP ACL to an IP interface in the inbound direction. You can apply a second IP ACL to the same IP interface if it is applied in the outbound direction but not if they apply to the same direction. This approach is chosen to avoid confusion as to which ACL should have precedence over other ACLs in the event that none of the rules in an ACL matches the packet.

**Recommended Action:**

If it is necessary to have the rules from two different ACLs applied to an interface, you need to combine the rules from the two ACLs into one ACL and apply that to the interface.

**%ACL-E-SERVICEACL Service ACL has incompatible rules for Destination based routing.**

**Explanation:**

The user is trying to change the port mode to Destination Flow based, when there is a service ACL in the system. A service ACL requires that all ports not be in either Destination or Host Flow based modes because a service ACL requires to compare the Destination Port number in the packet and a port in Destination Flow mode would produce a flow block with only the Destination IP address.

**Recommended Action:**

Cannot change port mode to Destination Flow based mode if a service ACL is present in the system. The ACLs could be detached from the services if the port needs to be in Destination Flow based mode.

**%ACL-E-WRONGACL You can only add rules to ACL ‘<ACL\_name>’ in this editing session.**

**Explanation:**

Inside the ACL Editor, the user is attempting to add rules to a different ACL.

**Recommended Action:**

None. When you edit an ACL in the ACL Editor, you can only add rules to the ACL that you are editing. For example, you cannot add rules to ACL 110 when you are editing ACL 100.

**%ACL-E-WRONGPROTOCOL ACL <ACL\_name> is currently defined for <protocol\_type>.**

**Explanation:**

The user is trying to specify an ACL rule that is of a different protocol family than the ones that are currently in this ACL. For example, this message can occur if the user is trying to add an IPX ACL rule to an IP ACL or vice versa.

**Recommended Action:**

None. The rules in an ACL must all belong to the same protocol family.



# Chapter 2

## Layer 3 Access Control List Log (ACL\_LOG) Error Messages

This chapter describes the error messages for the Layer 3 Access Control List Log (ACL\_LOG) facility.

### Informational Messages

**%ACL\_LOG-I-PERIODIC, ACL [name] on [interface name] [source address] -> [destination address] has been hit X times in the last X seconds, X total**

**Explanation:**

This ACL logging message is reporting how many times a denied traffic stream has been attempted in the last X seconds. This message will only be shown if the acl referred to by [acl\_name] has been applied with the report-denied option.

**Recommended action:**

Informational message only, no action necessary.

## Audit Messages

### **%ACL\_LOG-A-DEFAULT [<acl\_name>] on “<interface\_name>”...**

**Explanation:**

This ACL Logging message shows that a packet doesn't match any of the rules specified in this ACL. As a result, the packet is denied because of the implicit deny rule.

**Recommended Action:**

Informational Message. No action necessary.

### **%ACL\_LOG-A-DENY ACL [<number>] on “<interface\_name>”...**

**Explanation:**

This ACL Logging message shows that a particular packet is denied because it matches a rule in the specified ACL.

**Recommended Action:**

Informational Message. No action necessary.

### **%ACL\_LOG-A-PERMIT ACL [<number>] on “<interface\_name>”...**

**Explanation:**

This ACL Logging message shows that a particular packet is permitted because it matches a rule in the specified ACL.

**Recommended Action:**

Informational Message. No action necessary.

## **%ACL\_LOG-A-PERIODIC %s has been hit %u times in the last %u seconds**

### **Explanation:**

Multiple packets were received and dropped by the router because the Access Control List configuration does not allow it. If the access control list entry is applied as in the example below, this error will occur periodically to report the number of packets dropped.

```
xp(config)# acl myacl apply....report-denied periodic
```

### **Recommended Action:**

This may be an indication of attempts by unauthorized persons to gain access to the system. It could also be an indication of a denial of service attack. The message will identify the address where the packet originated.



# Chapter 3

## AGGRGEN Error Messages

This chapter describes the error messages for the AGGRGEN facility.

### Error Messages

**%AGGRGEN-E-DSTIDEXIST Aggr-Gen destination *<name>* already exists.**

**Explanation:**

This message appears when the identifier (tag) assigned to a new aggr-gen-dest CLI command is already being used.

**Recommended Action:**

Use a different (unique) identifier (number or string)

**%AGGRGEN-E-DSTNOTFOUND Aggr-Gen destination *<name>* not found.**

**Explanation:**

This message appears when the “destination” parameter in the **aggr-gen** CLI command is invalid.

**Recommended Action:**

Correct the destination parameter name.

**%AGGRGEN-E-DSTOVFL No more free aggr-gen destination (max <number> cur <number>)**

**Explanation:**

This message appears when the maximum number of “aggregate-generation destination” entries has been reached.

**Recommended Action:**

If possible, negate unused aggr-gen-dest commands.

**%AGGRGEN-E-FILTRDSRCOVFL No more free sources for aggr-gen (max <number> current <number>).**

**Explanation:**

This message appears when the maximum number of source entries associated with an aggr-gen command has been reached.

**Recommended Action:**

If possible, negate unused aggr-gen commands.

**%AGGRGEN-E-FLTRDSRCNEX Sources with id <number> not found in aggr-gen route with destination <number>**

**Explanation:**

This error message is displayed when the user attempts to specify a source or sources in the aggregate-generation route that could not be found.

**Recommended Action:**

Specify a different source or sources for the given aggregate-generation route.

**%AGGRGEN-E-INVFLTRDSRCIDX Invalid filtered-source index (max <number> index <number>)**

**Explanation:**

This error message is displayed when the user attempts to specify an invalid value for the filtered-source index.

**Recommended Action:**

Specify a different source index number that falls within the range of acceptable values.

**%AGGRGEN-E-INVROUTEIDX Invalid route index (max <number> index <number>)**

**Explanation:**

This error message is displayed when the user attempts to specify an invalid value for the route index.

**Recommended Action:**

Specify a different route index number that falls within the range of acceptable values.

**%AGGRGEN-E-INVSR CFLTRIDX Invalid source-filter index (max <number> index <number>)**

**Explanation:**

This error message is displayed when the user attempts to specify an invalid value for the source-filter index.

**Recommended Action:**

Specify a different source-filter index number that falls within the range of acceptable values.

**%AGGRGEN-E-ROUTE OVFL No memory for creating aggr-gens.**

**Explanation:**

This message appears when the maximum number of aggregate policies (aggr-gens) has been reached.

**Recommended Action:**

If possible, negate unused aggregate-generations and try again.

**%AGGRGEN-E-RTEFLTNOTFOUND Aggr-gen (with destination <number> source <number> filter <number>) not found.**

**Explanation:**

This error message is displayed when the user specifies an undefined aggregate-generation.

**Recommended Action:**

Ensure that you have not entered inappropriate information, or specify another aggregate-generation.

**%AGGRGEN-E-SRCFLTROVFL No more free route filters for this aggr-gen source max <number> current <number>**

**Explanation:**

This message appears when the maximum number of filters/networks corresponding to an aggregate policy (aggr-gen) has been reached.

**Recommended Action:**

If possible, negate unused filters/networks.

**%AGGRGEN-E-SRCIDEXIST Aggr-Gen source <name> already exists.**

**Explanation:**

This message appears when the identifier (tag) assigned to a new aggr-gen-source CLI command is already being used.

**Recommended Action:**

Use a different (unique) identifier (number or string)

**%AGGRGEN-E-SRCNOTFOUND Aggr-Gen source <name> not found.**

**Explanation:**

This message appears when the “source” parameter in the **aggr-gen** CLI command is invalid.

**Recommended Action:**

Correct the source parameter name.

**%AGGRGEN-E-SRCOVFLNo more free aggr-gen sources max <number> current <number>.**

**Explanation:**

This message appears when the maximum number of “aggregate-generation source” entries has been reached.

**Recommended Action:**

If possible, negate unused aggr-gen-source commands.



# Chapter 4

## ARE Messages

This chapter describes the error messages for the Advanced Routing Engine.

### Error Messages

**%ARE-E-INVALIDSLOT ARE Modules cannot be placed in slots used for control modules, or the highest numbered slot.**

**Explanation:**

An ARE module was installed in a slot that does not support the module.

**Recommended Action:**

Move the module to another slot.

**%ARE-E-UNKNOWNBOARD The ARE in slot <Slot Number> contains an unknown hardware version.**

**Explanation:**

The current firmware does not support the ARE module installed or the module is bad.

**Recommended Action:**

Upgrade the firmware to the latest version available. If problem persists, contact Enterasys Technical Support.



# Chapter 5

## ARP Messages

This chapter describes the error messages for the ARP facility.

### Error Messages

**%ARP-E-HOSTUNREACH <ip address> no route to host. ARP entry not added**

**Explanation:**

This message is displayed when an ARP entry was attempted to be added from the “Enabled” mode and the action failed.

**Recommended Action:**

The host may not be unreachable through a directly connected interface. Create an interface and then add the ARP entry.



# Chapter 6

## ATM Error Messages

This chapter describes the error messages for the ATM facility.

### Informational Messages

**%ATM-I-FIXINGSCROPTION <0> <0> SCR set, Service Category not VBR. Clearing SCR value.**

**Explanation:**

The SCR value entered is not allowed for the type of service specified. The X-Pedition router will clear this value.

**Recommendation:**

Informational message only, no action necessary.

**%ATM-I-FIXINGMBSOPTION <0> <0> MBS set, Service Category not VBR. Clearing MBS value.**

**Explanation:**

The MBS value entered is not allowed for the type of service specified. The X-Pedition router will clear this value.

**Recommendation:**

Informational message only, no action necessary.

## **%ATM-I-VCLALREADYOPEN**

**Explanation:**

The VCL specified was already created.

**Recommendation:**

Specify a new VCL.

## **Warning Messages**

### **%ATM-W-FIXINGSCROPTION SCR set, Service Category not VBR. Clearing SCR value.**

**Explanation:**

Specified SCR, and SCR is not permitted for specified service class.

**Recommended Action:**

None.

### **%ATM-W-FIXINGMBSOPTION MBS set, Service Category not VBR. Clearing MBS value. // ATM PVC message area.**

**Explanation:**

Specified MBS, and MBS is not permitted for specified service class.

**Recommended Action:**

None.

### **%ATM-W-IARPNOTXMT Port at.%d.%d.%d.%d could not send an inverse ATM ARP packet.**

**Explanation:**

The router did not send an Inverse ATM ARP packet because the number of available packet buffers was insufficient. This warning may result from too much traffic on the line using up all of the packet buffers.

**Recommended Action:**

Reduce the amount of traffic or connections on the ATM card. If the problem persists, contact Enterasys Technical Support.

**%ATM-W-OAMNORSP Port at.%d.%d.%d.%d did not receive a response to %d OAM loopback requests.**

**Explanation:**

Internal error.

**Recommended Action:**

Check that the other end of the link supports OAM cells.

**%ATM-W-OAMNOTXMT OAM loopback cell could not be transmitted.**

**Explanation:**

An OAM loopback cell cannot transmit because the transmit queue is full.

**Recommended Action:**

This condition should resolve itself through the retry process.

## Error Messages

**%ATM-E-BADVC**

**Explanation:**

Internal error.

**Recommended Action:**

Specify a different VC.

**%ATM-E-BITSTREAMREADFAILED Channel %d, error during reading bit stream file, error=%ld.**

**Explanation:**

An error occurred while reading the file to download to the FPGA onto the ATM card.

**Recommended Action:**

The image may be corrupted—reload the image onto the router (the FPGA image is part of the main router image).

**%ATM-E-BOOTSOURCEISUNKNOWN Bootsource did not have a value.**

**Explanation:**

Bootsource did not have a value.

**Recommended Action:**

Specify a value.

**%ATM-E-CREATE\_Q Could not create the Receive Control Queue.**

**Explanation:**

The X-Pedition router was not able to create the ATM Receive Control Queue—most likely due to a memory error. This is a fatal condition and may indicate a bad ATM card if the error persists.

**Recommended Action:**

Hot swap the ATM card or reboot the router. If the error persists, replace the module.

**%ATM-E-EXISTINGVCL VCL <at.slot.port.vpi.vci> already exists! Create failed.**

**Explanation:**

You use an incorrect VCL value.

**Recommended Action:**

Use a different VCL value.

**%ATM-E-EXISTINGVPL VPL <at.slot.port.vpi.vci> already exists! Create failed.**

**Explanation:**

You use an incorrect VPL value.

**Recommended Action:**

Use a different VPL value.



**%ATM-E-FORCEDBRIDGED Ports <at.slot.port.vpi.vci> are referenced in forced-bridged.**

**Explanation:**

This error message appears when a user attempts to negate a VCL that is still assigned to be forced-bridged.

**Recommended Action:**

Negate the forced-bridge option on the VCL, then negate the VCL.

**%ATM-E-FPGACRCERROR Channel %d, CRC error during FPGA Download.**

**Explanation:**

The router encountered a CRC while downloading the FPGA onto the ATM card. This may indicate a bad ATM card if the error persists.

**Recommended Action:**

Hot swap the ATM card or reboot the router. If the error persists, replace the module.

**%ATM-E-FPGADNLOADFAILED Channel %d, FPGA bitstream download failed.**

**Explanation:**

The router encountered an error while downloading the FPGA onto the ATM card. This may indicate a bad ATM card if the error persists.

**Recommended Action:**

Hot swap the ATM card or reboot the router. If the error persists, replace the module.

**%ATM-E-FPGAFILENAMEUNKNOWN Channel %d, could not get FPGA filename to open.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-FPGAFILEOPENFAILED Channel %d, could not open the FPGA bitstream file, error = %ld**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-FPGAFILESIZEUNKNOWN Channel %d, could not determine the size of the FPGA bitstream file, error = %ld**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-INITCSRBAD Port <at.slot.port>, error while initializing data structures and CSRs.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-INVALIDDEFINEOBJECT Unexpected atm define object: %s**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-INVALIDSRVCATOPTION The service category %s is not supported**

**Explanation:**

Internal Error

**Recommended Action:**

Use a different service type.

**%ATM-E-INVALIDSRVDEFOPTION Unknown service definition option.**

**Explanation:**

Internal Error

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-MAPTYPE Port <at.slot.port>, tried to configure illegal map type %x.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-NEEDPCR Service requires that a PCR value be specified.**

**Explanation:**

Internal error.

**Recommended Action:**

Service requires that a PCR value be specified.

**%ATM-E-NEEDSCR Service requires that an SCR value be specified.**

**Explanation:**

Internal error.

**Recommended Action:**

Service requires that an SCR value be specified.

**%ATM-E-NI\_XMT\_Q\_FULL Could not transmit control packet, NI transmit queue is full.**

**Explanation:**

Could not transmit control packet, NI transmit queue is full.

**Recommended Action:**

If problem persists, contact customer support.

**%ATM-E-NOAVAILBW Insufficient Link Bandwidth, avail: %d cps**

**Explanation:**

You are attempting to use more bandwidth than is available on the link. Note that CBR traffic cannot use 100% of the bandwidth, since some must be reserved for other critical traffic.

**Recommended Action:**

Use less bandwidth.

**%ATM-E-NOPORTLISTAVAIL No portlist available in command options.**

**Explanation:**

This message is displayed when no port list is available.

**Recommended Action:**

Call Enterasys Technical Support.

**%ATM-E-NORESOURCESAVAIL Internal memory fault - low resources.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-NOVCLFOUND VCL <at.slot.port.vpi.vci> is not created.**

**Explanation:**

You use an incorrect VCL value.

**Recommended Action:**

Specify a VCL that has already been created.

**%ATM-E-NOVPLFOUND VPL <at.slot.port.vpi.vci> is not created.**

**Explanation:**

You use an incorrect VPL value.

**Recommended Action:**

Specify a VPL that has already been created.

**%ATM-E-PEERADDRREQD**

**Explanation:**

Internal error.

**Recommended Action:**

Peer IP required for VC-Multiplexed VCs.

**%ATM-E-PORTBADMUX Cannot apply service with encap type vc-mux to PORT with multiple protocols associated.**

**Explanation:**

An ATM VC with encap type vc-mux sends no protocol information over the wire. Because the protocol is determined from the VC, only IP or IPX can be configured over a VLAN or port that contains an ATM VC in vc-mux encap mode. This error is issued when applying a service definition with vc-mux encap type to a PORT with multiple protocols associated.

**Recommended Action:**

See that only one protocol is associated with this PORT.

**%ATM-E-PORTDOESNOTEXIST Port <at.slot,port> does not exist.**

**Explanation:**

You specified a port that does not exist, or is not an atm. port.

**Recommended Action:**

Specify a different port.

**%ATM-E-PORTHASINUSEVCLS Port has VCL <at.slot.port.vpi.vci> in use.**

**Explanation:**

Internal Error

**Recommended Action:**

Remove VCLs before changing port settings.

**%ATM-E-PORTHASSRVDEF Service %s still applied to at.%d.%d**

**Explanation:**

Internal Error

**Recommended Action:**

Remove existing service definition before applying a new one.

**%ATM-E-PORTHASVCLS Port <at.slot.port> has %d VCLs still created.**

**Explanation:**

Internal Error

**Recommended Action:**

Remove VCLs before removing a port.

**%ATM-E-POSTFAILED Port <at.slot.port>, POST failed - response = %08x.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-REGL2ADDR Port at.%d.%d, could not register this L2 address.**

**Explanation:**

Internal Error

**Recommended Action:**

Contact customer support.

**%ATM-E-SARACKERR Port <at.slot.port>, neither the ACK bit or the ERR bit is set.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARCHKSUMERR Port <at.slot.port>, bad checksum, found checksum %x, expected %x.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARCHKSUMTIMEOUT Port at.%d.%d, SAR time-out while waiting for checksum!**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARDOWNLOAD Port at.%d.%d, error while maker firmware download.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR0 Port at.%d.%d, time-out or SAR error during cfg fmk cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.



**%ATM-E-SARERR1 Port at.%d.%d, time-out or SAR error during ret fmk rev cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR2 Port at.%d.%d, time-out or SAR error during add rx buff (pool0) cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR3 Port at.%d.%d, time-out or SAR error during add rx buff (pool1) cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR4 Port at.%d.%d, time-out or SAR error during ret cs rev cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR5 Port at.%d.%d, time-out or SAR error during add rx indQ entries cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR6 Port at.%d.%d, time-out or SAR error during open Phy cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR7 Port at.%d.%d, time-out or SAR error during config CS-5 cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR8 Port at.%d.%d, time-out or SAR error during create SAR cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR9 Port at.%d.%d, time-out or SAR error during attach phy cmd.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARERR10**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARFILENAMEUNKNOWN Port at.%d.%d, could not get SAR filename to open.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARFILEOPENFAILED Port at.%d.%d, could not open the SAR file, error = %ld**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARFILEREADFAILED Port at.%d.%d, couldn't read the SAR file, error = %ld.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARLOADFAILEDNOMEM Port at.%d.%d, had a malloc failure.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARPOSTTIMEOUT Port at.%d.%d, SAR time-out while waiting for POST results!**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARSIZEUNKNOWN Port at.%d.%d, could not determine the size, error code %d.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SARTIMEOUT Port at.%d.%d, SAR time-out while waiting for the response!**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-SCRGTRPCR PCR must be greater than or equal to SCR.  
Explanation:**

**Explanation:**

Internal error.

**Recommended Action:**

PCR must be greater than or equal to SCR.

**%ATM-E-SMTIMERCREATEERR Event Queue timer could not be created.**

**Explanation:**

Internal Error

**Recommended Action:**

Notify customer support.

**%ATM-E-SRVDEFNAMENOTFOUND The service definition name %s was not found**

**Explanation:**

Internal Error

**Recommended Action:**

Reference a service definition that you previously created.

**%ATM-E-SRVDEFOPENREF Service definition %s is currently applied, cannot be removed.**

**Explanation:**

Internal Error

**Recommended Action:**

Negate the application of the service before removing the service.

**%ATM-E-TOOMANYVCS Port at.%d.%d, too many VCs have been opened.**

**Explanation:**

Internal error.

**Recommended Action:**

Use fewer VCs.

**%ATM-E-TRAFFICTYPEBAD Port at.%d.%d, error - an illegal traffic value, %d.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-UNKNOWNCMD ATM command not recognized**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VBRDEFINED Non VBR services cannot be applied to this vc.  
The vbr option must first be removed from the vc creation command line.**

**Explanation:**

This error appears when the user tries to apply a non VBR service to a VC that was created specifying the 'vbr' option. VCs created with the 'vbr' option can only have VBR services applied to them. VCs created without the 'vbr' option can only have UBR and CBR services applied to them.

**Recommended Action:**

Recreate the VC **without** the vbr option specified.

**%ATM-E-VBRNOTDEFINED VBR services can not be applied to this vc.  
The vbr option must first be specified upon creation of the vc.**

**Explanation:**

This error appears when the user tries to apply a vbr service to a VC that was created without specifying the 'vbr' option. VCs created without the 'vbr' option can only have UBR and CBR services applied to them. VCs created with the 'vbr' option can only have VBR services applied to them.

**Recommended Action:**

Recreate the VC **with** the vbr option specified.

**%ATM-E-VCCLOSETIMEOUT Port at.%d.%d, time-out during close for  
uhi %d.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCCLOSEERR Port at.%d.%d, error in VC table entry reset!**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCDISCREPENCY Port at.%d.%d, discrepancy, user handle index %d VC does not exist!**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCIOUTOFRANGE VCI %d is beyond supported VCI max %d**

**Explanation:**

You specified VCI is outside of the current range.

**Recommended Action:**

Either use a different VCI value, or use the port set vc-mode command to set a larger range of permissible VCI values.

**%ATM-E-VCLBADMUX Cannot apply service with encap type vc-mux to VCL with multiple protocols associated.**

**Explanation:**

An ATM VC with encap type vc-mux sends no protocol information over the wire. Because the protocol is determined from the VC, only IP or IPX can be configured over a VLAN or port that contains an ATM VC in vc-mux encap mode. This error is issued when applying a service definition with vc-mux encap type to a VCL with multiple protocols associated.

**Recommended Action:**

See that only one protocol is associated with this VCL.

**%ATM-E-VCLHASSRVDEF Service %s still applied to at.%d.%d.%d.%d**

**Explanation:**

Internal Error

**Recommended Action:**

Remove existing service definition before applying a new one.



**%ATM-E-VCLMAXEXCEEDED Max VCLs exceeded on at.%d.%d, max = %d.**

**Explanation:**

User specified VCL is outside of the current range.

**Recommended Action:**

Either use a different VCL value, or use the port set vc-mode command to set a larger range of permissible VCL values.

**%ATM-E-VCLNOTINSERTED VPI %d VCI %d could not be added.**

**Explanation:**

You use an incorrect VCL value.

**Recommended Action:**

Use a different VCL value.

**%ATM-E-VCLOUTOFRANGE VPI %d VCI %d is not in range of port VC mode.**

**Explanation:**

You specified VCL is outside of the current range.

**Recommended Action:**

Either use a different VCL value, or use the port set vc-mode command to set a larger range of permissible VCL values.

**%ATM-E-VCLSINPEERADDR Ports <at.port.vcl> are referenced in a peer-address.**

**Explanation:**

This message appears when a user attempts to negate a VCL assigned a peer-address.

**Recommended Action:**

Negate the peer-address related to the VCL, then negate the VCL.

**%ATM-E-VCLSINVLAN Ports <at.port.vcl> are referenced in a vlan.**

**Explanation:**

This error message appears when a user attempts to negate a VCL that is still assigned to a VLAN.

**Recommended Action:**

Users must negate the VLAN before negating the VCL.

**%ATM-E-VCMODIFYSARERR Port <at.port.vcl>, uhi = %04X - SAR processing error param\_id = %04X.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCOPENNOMEM Port <at.port.vcl>, memory could not be allocated in VC open.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCOPENTIMEOUT Port at <port\_id>, time-out during open for during open uhi %d.**

**Explanation:**

An error occurred while opening a VC on the ATM module

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCSTATEBAD Port <at.port.vcl>, fatal error - an illegal state value, %d.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCVLANADDNOMEM port <at.slot.port> memory could not be allocated in VC VLAN add.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VCVLANREMOVEERR error while removing Port <at.slot.port.vpi.vci> from the VLAN.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-VPIOUTOFRANGE VPI %d is beyond supported VPI max %d**

**Explanation:**

You specified VPI is outside of the current range.

**Recommended Action:**

Either use a different VPL value, or use the port set vc-mode command to set a larger range of permissible VPL values.

## **%ATM-E-VPLBADMUX Cannot apply service with encap type vc-mux to VPL with multiple protocols associated.**

### **Explanation:**

An ATM VC with encap type vc-mux sends no protocol information over the wire. Because the protocol is determined from the VC, only IP or IPX can be configured over a VLAN or port that contains an ATM VC in vc-mux encap mode. This error is issued when applying a service definition with vc-mux encap type to a VPL with multiple protocols associated.

### **Recommended Action:**

See that only one protocol is associated with this VPL.

## **%ATM-E-VPLHASSRVDEF Service %s still applied to at.%d.%d.%d**

### **Explanation:**

Internal Error

### **Recommended Action:**

Remove existing service definition before applying a new one.

## **%ATM-E-VPLMAXEXCEEDED Max VPLs exceeded on at.%d.%d, max = %d.**

### **Explanation:**

You specified VPL is outside of the current range.

### **Recommended Action:**

Either use a different VPL value, or use the port set vc-mode command to set a larger range of permissible VPL values.

## **%ATM-E-VPLNOTCLOSED VPL at.%d.%d.%d is open. Remove failure.**

### **Explanation:**

VPL still in use. Referenced by negation of **atm create vcl**.

### **Recommended Action:**

Contact Enterasys Technical Support.

**%ATM-E-WRONGPORTTYPE Port *<port-number>* does not support this operation.**

**Explanation:**

This message is displayed when the command being applied to a port that does not support this operation.

**Recommended Action:**

Enter a command that the port does support.



# Chapter 7

## Authentication Error Messages

This chapter describes the error messages for the Authentication facility.

### Error Messages

**%AUTH-E-CHAINIDEXIST Key-Chain <key-chain\_name> already exists.**

**Explanation:**

This message appears when a newly created key-chain has the same id as a previously configured key-chain.

**Recommended Action:**

Change the name/id of the new key-chain.

**%AUTH-E-CHAINNOTFOUND Key-Chain with id <id\_name> not found.**

**Explanation:**

This message appears when the key-chain identifier specified is invalid.

**Recommended Action:**

Use a valid key-chain id while defining an authentication method.

**%AUTH-E-CHAINNOTSPEC** Authentication method requires key-chain identifier.

**Explanation:**

This message appears when authentication method requires key-chain identifier.

**Recommended Action:**

Create a key-chain and refer to it when defining an authentication method.

**%AUTH-E-CHAINOVFL** No more free key-chains max <number> current <number>

**Explanation:**

This message appears when the maximum number of unique key-chains has been reached.

**Recommended Action:**

If possible, negate some of the **authentication create key-chain** commands.

**%AUTH-E-KEYEXISTS** Key <key\_name> exists in chain <key-chain\_name>.

**Explanation:**

This message appears when a new key has been added to a previously created key-chain. The new key is a duplicate of another key.

**Recommended Action:**

Make sure that the new key is unique.

**%AUTH-E-KEYNOTFOUND** Key <key\_name> not found in chain <key-chain\_name>.

**Explanation:**

This message appears when the software entity responsible for managing the key-chain resources has detected an inconsistency.

**Recommended Action:**

If this error message appears repeatedly, contact Enterasys Technical Support.



**%AUTH-E-KEYOVFL No more free keys max <number> current <number> in chain <key-chain\_name>****Explanation:**

This message appears when the maximum number of keys that can be attached to a key-chain has been reached.

**Recommended Action:**

If possible, remove some keys from the key-chain.

**%AUTH-E-NUMOFCHAINERR Numof chains mismatch (max <number> cur <number>).****Explanation:**

This message appears when the software entity responsible for managing the key-chain resources has detected an inconsistency.

**Recommended Action:**

If this error message appears repeatedly, contact Enterasys Technical Support.

**%AUTH-E-NUMOFKEYERR Numof keys mismatch (max <number> cur <number>) in chain <key-chain\_name>.****Explanation:**

This message appears when the software entity responsible for managing the key-chain resources has detected an inconsistency.

**Recommended Action:**

If this error message appears repeatedly, contact Enterasys Technical Support.



# Chapter 8

## BGP Error Messages

This chapter describes the error messages for the Border Gateway Protocol (BGP) facility.

### Informational Messages

**%BGP-I-ASPATHIGN Entered AS path specification ignored. All AS paths would be displayed.**

**Explanation:**

AS path specification is not entered correctly. Enter the correct AS path specification.

**Recommended Action:**

Informational message. No action required.

## Warning Messages

### **%BGP-W-MAXFLAP max-flap metric must be greater than the larger of 1 and suppress-above metric**

**Explanation:**

The *max-flap* metric must be both greater than 1 and greater than the *suppress-above* metric. The default value of *max-flap* metric is 16 and the default value of *suppress-above* metric is 3.

**Recommended Action:**

No action required.

### **%BGP-W-REUSEBELOW Reuse-below metric must be less than suppress-above metric**

**Explanation:**

The *reuse-below* metric must be less than the *suppress-above* metric. The default value of the *reuse-below* metric is 2 and the default value of the *suppress-above* metric is 3.

**Recommended Action:**

No action required.

### **%BGP-W-UNREACHDECAY Unreach-decay time should be greater than or equal to reach-decay time**

**Explanation:**

The *Unreach-decay* time must be greater than or equal to the *Reach-decay* time. The default value of *Unreach-decay* time is 900 and the default value of *Reach-decay* time is 300.

**Recommended Action:**

No action required.

## Error Messages

### **%BGP-E-ATTRLISTNOTFOUND Attribute list with id *<name>* not found**

**Explanation:**

The optional attribute list with the specified name could not be found.

**Recommended Action:**

Check the name for typo or define the optional attribute list with that name.

### **%BGP-E-BADBGPVERIGPH Internal BGP peer associated with IGP must run at version 3 or better**

**Explanation:**

IGP Peering can only be done with hosts configured for BGP version 3.0 or higher.

**Recommended Action:**

Run BGP version 3.0 or higher for those peer.

### **%BGP-E-BADCLUSTID Clusterid may not be 0.0.0.0**

**Explanation:**

The Cluster identification cannot be 0.0.0.0.

**Recommended Action:**

Change the Cluster identification to something other than 0.0.0.0.

### **%BGP-E-BADEXTBGPRRF Only Internal, IGP or Routing groups may be route reflection clients. *<name>* is an external group.**

**Explanation:**

External groups cannot be route reflection clients.

**Recommended Action:**

Do not use the route reflection feature on named external group.

**%BGP-E-BADEXTLCPRFGR Localpref can only be used with Internal, IGP or Routing groups not with external group <name>**

**Explanation:**

LocalPref is configured for an external group. This is not allowed.

**Recommended Action:**

Change the configuration—do not apply a Localpref to an external BGP group.

**%BGP-E-BADEXTSTPRFGR Setpref can only be used with Internal, IGP, or Routing groups not with external group <name>**

**Explanation:**

The *setpref* metric should only be configured for internal, igp or routing group.

**Recommended Action:**

Remove the *setpref* metric from the external group.

**%BGP-E-BADEXTSTPRFHS Setpref can only be used with Internal, IGP or Routing host not with external host <name>.**

**Explanation:**

Set-Pref option can only be used for Internal, routing or IGP host.

**Recommended Action:**

Since the peer-host belongs to the external group remove the Set-Pref Option.

**%BGP-E-BADHOLDTIMEGR Holdtime <number> for BGP group <name> is less than the minimum permitted time of <number>**

**Explanation:**

Hold time is less than the minimum permitted.

**Recommended Action:**

Change the value of the configured holdtime to greater than the minimum permitted.

**%BGP-E-BADHOLDTIMEHS Holdtime <number> for BGP peer <name> is less than the minimum permitted time of <number>****Explanation:**

Hold time for the named BGP peer is configured less than the minimum allowed.

**Recommended Action:**

Change the hold-time for the BGP Peer so that it is configured to be higher than the minimum allowed.

**%BGP-E-BADHSTLOCALPREF LocalPref option for internal peer host <name> should be the same as used in the group <name>.****Explanation:**

The LocalPref setting for a peer host cannot be different than that set for the peer group.

**Recommended Action:**

Set LocalPref on the peer group to match the setting assigned to the rest of the group.

**%BGP-E-BADHSTSETPREF Set-Pref option for internal peer host should be the same as used in the group declaration****Explanation:**

Set-Pref setting for the internal, routing or IGP peer should be the same as that used for the group.

**Recommended Action:**

Change the Set-Pref setting for the specified group and peer host so that they are equal.

**%BGP-E-BADINTVAL Interfaces may only be specified for (internal) routing groups. <Name> is not of group type routing****Explanation:**

The peer-group type to which an interface value was added is not of type *routing*.

**Recommended Action:**

Change the peer-group type to *routing* if you wish to add interfaces or remove the interface parameter.

**%BGP-E-BADLOCALADDR Local-address option for internal peer host should be the same as used in the group declaration**

**Explanation:**

Local Address setting for the internal, routing or IGP peer should be the same as that used for the group.

**Recommended Action:**

Change the peer-host and the peer-group local address setting so that they are equal.

**%BGP-E-BADLOCALPREF if Localpref is set on one internal peer group, it must be set on all internal peer groups.**

**Explanation:**

Localpref is not set on all peer groups.

**Recommended Action:**

Change all internal peer groups to use the same Localpref setting.

**%BGP-E-BADMETRICOUT metricout option for internal peer host should be the same as used in the group declaration**

**Explanation:**

Metricout setting for the specified internal, routing or IGP peer host should be the same as that used for the group.

**Recommended Action:**

Change the peer-host and the peer-group metricout setting so that they are equal.

**%BGP-E-BADOUTDELAY Outdelay option for internal peer host should be the same as used in the group declaration**

**Explanation:**

Out delay option for the internal, routing or IGP peer should be the same as that used for the group.

**Recommended Action:**

Change the peer-host and the peer-group out delay setting so that they are equal.



## **%BGP-E-BADPROTOVAL Protocol may only be used for internal routing groups**

**Explanation:**

An IGP protocol needs to be specified for routing group only.

**Recommended Action:**

Do not specify the IGP for the specified group.

## **%BGP-E-EXTASSAME The peers <number> for external-type group match AS <number> of router**

**Explanation:**

The peer AS (peer's autonomous system) of the specified external-type group should not match the AS of this router.

**Recommended Action:**

Change the peer AS of the external-type group so that it does not match the AS of this router.

## **%BGP-E-EXTLOCASSAME The local as <number> for external group should not match peer AS <number>**

**Explanation:**

The local AS (local autonomous system) of the specified external group should not match the peer AS.

**Recommended Action:**

Change the peer AS to be different from the local AS of the specified group.

## **%BGP-E-GROUPEXISTS Group with Id <name> also has type <group-type> and <number>**

**Explanation:**

An attempt was made to create a peer group that is identical to one that already exists.

**Recommended Action:**

Use existing group or create a new one.

**%BGP-E-GROUPIDEXISTS Group with id <name> also has type <name> and as <number>**

**Explanation:**

The specified group already exists.

**Recommended Action:**

Use some other name while creating a group.

**%BGP-E-GROUPNOTFOUND Group with id <name> not found**

**Explanation:**

The specified group could not be found.

**Recommended Action:**

The group name may be typed incorrectly. If not, create a group of that name.

**%BGP-E-GROUPOVFL No more free groups max <number> current <number>**

**Explanation:**

The number of configured groups is more than the one allowed.

**Recommended Action:**

Contact Enterasys Technical Support and discuss support for more groups.

**%BGP-E-HOLDTEXISTS A hold time has already been configured for this peer**

**Explanation:**

A user attempted to configure a hold time that has already been configured for this peer host.

**Recommended Action:**

To configure a new value, remove the old command from the active configuration.

**%BGP-E-HOLDTEXISTSGR A hold time has already been configured for this group.**

**Explanation:**

A user attempted to configure a hold time that has already been configured for this group of peers.

**Recommended Action:**

To configure a new value, remove the old command from the active configuration.

**%BGP-E-HOSTIDEXISTS Host with Id <name> exists in group <name>**

**Explanation:**

Peer-host with the same ip address already exists in the group.

**Recommended Action:**

Either create a peer-host with a different IP address or use the already created peer-host.

**%BGP-E-HOSTNOTFOUND Peer host <name> not found in peer group <name>.**

**Explanation:**

A peer host needs to be created before you can change values.

**Recommended Action:**

Check that the peer-host name is correct.

**%BGP-E-HSTNOTESTABLISHED Peer host <name> connection is not established yet.**

**Explanation:**

No peer information is available for this host. The connection between the peers has not yet been established.

**Recommended Action:**

If the connection does not reach the established state quickly, it is likely that a configuration error exists.

**%BGP-E-HSTNOTFNDALLGR Peer host <name> not found in any group.**

**Explanation:**

The specified peer host is not found in any peer groups.

**Recommended Action:**

The peer-host may be identified incorrectly. Input the correct peer-host.

**%BGP-E-INTASNOTSAME The peers <number> for Internal, IGP or Routing group does not match AS <number> of router**

**Explanation:**

The peer AS (peer's autonomous system) for the specified internal, IGP, or routing group does not match that of the router.

**Recommended Action:**

Change the peer AS of the specified internal, IGP, or routing group to this router's AS.

**%BGP-E-INVCFG BGP cannot run because of invalid configuration**

**Explanation:**

An invalid BGP configuration was given to the X-Pedition router. Therefore BGP cannot run.

**Recommended Action:**

Correct the Errors in the configuration and submit the configuration to the router.

**%BGP-E-LOCASNOTSAME The local as <number> for Internal, IGP, or routing group does not match peer AS <number>**

**Explanation:**

The local AS (local autonomous system) number for the internal, IGP, or routing group does not match the peer AS.

**Recommended Action:**

Change the peer AS to the same value as local AS.

## **%BGP-E-MAXFLAP max-flap metric must be greater than the larger of 1 and suppress-above metric**

### **Explanation:**

The *max-flap* metric must be larger of 1 and the *suppress-above* metric.

### **Recommended Action:**

Set the *max-flap* metric to be larger of 1 and the *suppress-above* metric. The default value of the *max-flap* metric is 16 and the default value of the *suppress-above* metric is 3.

## **%BGP-E-MAXPEERSGRP No more free hosts max <number> current <number>**

### **Explanation:**

No more than the specified number of peer-hosts can be configured.

### **Recommended Action:**

If you need support for more hosts, contact Enterasys Technical Support.

## **%BGP-E-MAXPEERSPRTR No more free hosts max <number> current <number>**

### **Explanation:**

No more than the specified number of peer-hosts can be configured.

### **Recommended Action:**

If you need support for more hosts, contact Enterasys Technical Support.

## **%BGP-E-NETEXISTS Network <name> exists in group <name>**

### **Explanation:**

The specified network number already exists for the group.

### **Recommended Action:**

Remove the specified network number from the configuration.

**%BGP-E-NETNOTFOUND Network *<name>* is not a known network for peer-group *<name>***

**Explanation:**

The specified network number is not found in the specified peer-group.

**Recommended Action:**

Either the network number is associated incorrectly for the peer-group, or the network is not configured for the peer-group. If the network is not configured, then configure the network for the peer-group.

**%BGP-E-NETOVFL No more free networks max *<number>* current *<number>***

**Explanation:**

The number of networks configured for the peer-group exceed the maximum allowed.

**Recommended Action:**

If you need support for more networks, contact Enterasys Technical Support.

**%BGP-E-NOASCONFIG No autonomous system is specified**

**Explanation:**

No autonomous system was specified.

**Recommended Action:**

Specify the autonomous system using the ip-router global set autonomous-system command.

**%BGP-E-NOASCNTUSEGR AS-Count can only be used with external group. *<name>* is not an external group.**

**Explanation:**

AS-count setting can only be used with an external group.

**Recommended Action:**

Remove the AS-count setting for the specified non-external group.

**%BGP-E-NOASCNTUSEHS AS-Count can only be used with external host. <name> is not a external host.**

**Explanation:**

AS-count option can only be used for external peer-host. The specified peer-host does not belong to group type external.

**Recommended Action:**

Remove the AS-count Setting.

**%BGP-E-NOCONFEDID No confederation id is specified**

**Explanation:**

No confederation id is specified.

**Recommended Action:**

Specify the confederation id using the **ip-router global set confederation-id** command.

**%BGP-E-NOEXTCOMM "Associated attribute list with id %s contains extended communities."**

**Explanation:**

The identified optional-attributes-list for a bgp peer-group contains extended communities. Extended communities are not allowed when specifying communities for a peer-group.

**Recommended Action:**

Review the **ip-router policy create optional-attribute-list** and **bgp set peer-host** commands.

**%BGP-E-NOLEGALGRPS No legal groups configured.**

**Explanation:**

No legal groups (i.e., groups without configuration errors) found; therefore, BGP cannot be started.

**Recommended Action:**

Configure a group without configuration errors.

**%BGP-E-NOLEGALPEERS BGP group <name> has no legal peers configured or an allowed networks list for it.**

**Explanation:**

The specified BGP group has neither any legal peer configured for it nor any allowed legal networks. A legal peer or network is one which does not have any configuration error.

**Recommended Action:**

Configure a peer or an allowed network without any configuration error.

**%BGP-E-NOMEDUSEGR "med can only be used with external group. %s is not a external group. All setpref values must be identical on all IBGP groups."**

**Explanation:**

The **med** option was used on a **bgp set peer-group** or **bgp set peer-host** command for a peer-group which is not an external type. The **med** option may only be used for external peer-groups.

**Recommended Action:**

Review the **bgp set peer-group** and **bgp set peer-host** commands.

**%BGP-E-NONXTHOPUSEGR Next-Hop-Self can only be used with external group. <name> is not an external group.**

**Explanation:**

*Next-hop-self* setting can only be used with an external group.

**Recommended Action:**

Remove the next-hop-self setting for the specified non-external group.

**%BGP-E-NONXTHOPUSEHS Next-Hop-Self can only be used with external host. <name> is not a external host.**

**Explanation:**

Next-hop-self option can only be used for external peer-host. The specified peer-host does not belong to group type external.

**Recommended Action:**

Remove the next-hop-self Setting.



## **%BGP-E-NORTRIDCFGD No router-id has been configured for the router**

**Explanation:**

No Router-id has been configured for the router.

**Recommended Action:**

Specify the router-id using ip-router global set router-id command.

## **%BGP-E-NOSUCHTASK BGP Task does not exist**

**Explanation:**

BGP is not running.

**Recommended Action:**

BGP can be started by using BGP Start command.

## **%BGP-E-OBJMISS BGP object to be displayed must be specified**

**Explanation:**

BGP object has not yet been specified.

**Recommended Action:**

Specify the BGP object.

## **%BGP-E-PARSEERROR Bad AS Path regular expression**

**Explanation:**

An error in the AS Path syntax was detected while parsing the configuration.

**Recommended Action:**

Check AS Path configuration entries in the configuration file.

## **%BGP-E-PEERIDSAME Peer router-id (<name>) is the same as that of the router**

**Explanation:**

The Peer host address is the same as this router's ID.

**Recommended Action:**

Either change the peer-host address or change this router's ID so that they are different.

## **%BGP-E-PROTONOTCFG IGP protocol must be specified for internal routing group. No protocol is specified for group <name>.**

**Explanation:**

An IGP protocol is not specified for the specified internal routing group.

**Recommended Action:**

Specify an IGP protocol for the specified internal routing group.

## **%BGP-E-PROTONOTCFGED Proto option should be specified for group types IGP and Routing**

**Explanation:**

The protocol option is not configured for group types IGP or routing.

**Recommended Action:**

Protocol should be configured for group types routing and IGP. Please configure the protocol for the peer-group.

## **%BGP-E-REFLEXISTS A reflector-client configuration already exists for peer-group <name>**

**Explanation:**

A user attempted to configure this peer-group with a reflector-client attribute that was already configured.

**Recommended Action:**

To configure a new value, remove the old command from the active configuration.

**%BGP-E-REUSEBELOW reuse-below metric must be less than suppress-above metric****Explanation:**

The *reuse-below* metric must be less than the *suppress-above* metric.

**Recommended Action:**

Set the *reuse-below* metric to be less than the *suppress-above* metric. The default value of the *reuse-below* metric is 2 and the default value of the *suppress-above* metric is 3.

**%BGP-E-SAMEGROUP at least as, type rrclient, or local as should be different between groups <name> and <name>****Explanation:**

Either AS or type or rrclient or local AS should be different between two groups.

**Recommended Action:**

Configure either AS, type, rrclient or local AS differently for the specified groups.

**%BGP-E-TMPFILEFAIL Failed to create temporary parse file****Explanation:**

GateD was unable to create a temporary file on the internal flash.

**Recommended Action:**

It is likely that the internal flash is damaged or has become corrupted. Contact Enterasys Technical Support.

**%BGP-E-TSKDELETED BGP Task is in deleted state (flags = <hex value>)****Explanation:**

BGP Task is in deleted State.

**Recommended Action:**

Reboot the system. Contact Enterasys Technical Support.

## **%BGP-E-UNREACHDECAY Unreach-decay time should be greater than or equal to reach-decay time**

### **Explanation:**

The *Unreach-decay* time must be greater than or equal to the *Reach-decay* time.

### **Recommended Action:**

Set the *Unreach-decay* time to be greater than or equal to the *Reach-decay* time. The default value of *Unreach-decay* time is 900 and the default value of *Reach-decay* time is 300.

## **%BGP-E-WRKINPROGRESS: Work In Progress and not completed; Activate tracing by going into Config Mode BGP Commands**

### **Explanation:**

Activating BGP tracing from non-config mode is not completed. Activate BGP tracing from config mode.

### **Recommended Action:**

Use the BGP tracing command in config mode.

## **%BGP-E-ZEROGRPCFGED No groups configured**

### **Explanation:**

There are no groups configured for BGP. At least one group and a peer-host should be configured.

### **Recommended Action:**

Configure at least one group for BGP using `bgp create peer-group` command.

## **%BGP-E-ZEROPEERS BGP group <name> has neither configured peers or an allowed networks list**

### **Explanation:**

The said BGP group has neither any peer configured for it nor any allowed networks.

### **Recommended Action:**

Configure a peer using the `bgp add peer-host` command or an allowed network using the `bgp add network` command.

# Chapter 9

## Chassis-Related Error Messages

This chapter describes the error messages that relate to the chassis.

### Informational Messages

#### **%CTRONCHASSIS-I-FANNORMAL fan operation normal**

**Explanation:**

This message appears on a 6SSRM, when fan operation is normal

**Recommended Action:**

This message is for the user's benefit. No action is required.

#### **%CTRONCHASSIS-I-PWRINSTALLED power supply # was installed**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned on or inserted into a chassis.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **%CTRONCHASSIS-I-PWRNORMAL power supply # operation is normal**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned on or inserted into a chassis and the operation is normal.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **%CTRONCHASSIS-I-PWRREDUNDENT power supply is redundant**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned or inserted into a chassis, and a second power supply is present.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **Warning Messages**

### **%CTRONCHASSIS-W-FANFAIL fan operation failure**

**Explanation:**

This message appears on a 6SSRM, when the fan operation fails.

**Recommended Action:**

Check Fans.

### **%CTRONCHASSIS-W-PWRFAIL power supply # failure**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned off or removed from a chassis.

## **%CTRONCHASSIS-W-PWRNOTREDUNDENT power supply is not redundant**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned on or inserted into a chassis, and is the only power supply.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **%CTRONCHASSIS-W-PWRREMOVED power supply # was removed**

**Explanation:**

This message appears on a 6SSRM, when a power supply is turned on or inserted into a chassis.

## **Fatal Messages**

### **%CTRONCHASSIS-F-EVWAIT event wait failed with error '%d'**

**Explanation:**

The specified event failed.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%CTRONCHASSIS-F-TMRCREATFAIL timer creation failed with error '%d'**

**Explanation:**

The timer creation failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%CTRONCHASSIS-F-TMRSTARTFAIL failed to start timer '0x%x',  
error '%d'**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If the problem persists, call Enterasys Technical Support.



# Chapter 10

## Native CLI Error Messages

This chapter describes the error messages for the Command Line Interface facility.

### Informational Messages

#### **%CLI-I-MONITOR\_INHIBIT, Monitoring of console messages inhibited.**

**Explanation:**

By default, console message monitoring is turned **on**. However, if the console appears to be flooded with repeating messages, the router automatically turns monitoring **off** and displays this message.

**Recommended Action:**

Once the flood of messages to the console stops, users may enable monitoring manually with the **cli terminal monitor on** command.

**Note:** Turning monitoring on manually before the flow of messages stops may render the active CLI session unusable.

## Audit Messages

### **%CLI-A-COMMAND\_EXEC “CLI command (%s) executed”**

**Explanation:**

A user executed the CLI command listed.

**Recommended Action:**

Security audit message. No action necessary.

## Warning Messages

### **%CLI-W-CHANGES Uncommitted configuration changes exist.**

**Explanation:**

The user is attempting to log off or exit but there are non-committed configuration changes in the scratchpad.

**Recommended Action:**

If you want to commit those changes, you should abort the log off and commit your changes.

### **%CLI-W-INMLP port '%s' is part of MLP bundle mp.%d**

**Explanation:**

The user is attempting to refer to an individual port which is part of a multi-port bundle for a command for which this is not allowed.

**Recommended Action:**

The required action depends of the particular command. Either remove the port from the multi-port bundle, or refer to the multi-port bundle itself in the command.

**%CLI-W-INTRUNK port '<portname>' is part of SmartTRUNK '<name>'****Explanation:**

This warning message is alerting the user to the fact that the specified port belongs to a SmartTRUNK. Depending on the operation of the command, this may or may not be allowed.

**Recommended Action:**

Make sure you really want to execute this command on a port that belongs to a SmartTRUNK.

**%CLI-W-MODNOTFOUND <Module\_name>: module '<number>' does not exist - ignoring****Explanation:**

The user is referring to a physical module that is not currently available on the system. This warning message indicates that the command the user specified will not have an effect on the module since the module doesn't exist.

**Recommended Action:**

Verify physical module exists in X-Pedition router before attempting to configure the specified module.

**%CLI-W-MON\_CONSOLE Terminal monitor not necessary for the Console****Explanation:**

The user is attempting to turn on terminal monitoring on the console.

**Recommended Action:**

None. Terminal monitoring is not necessary on the console as this output will appear there by default.

**%CLI-W-NOHISTENT non-existent history entry '<command\_name>'****Explanation:**

The user tried to recall a command that doesn't exist in the command history buffer.

**Recommended Action:**

Check command and re-enter.

### **%CLI-W-PORTBAD Port '<port\_name>' failed self-test - ignoring**

**Explanation:**

During system initialization, this message is displayed if a particular port failed the self-test. The failed port is ignored.

**Recommended Action:**

Contact Enterasys Technical Support. You may have a bad port on one of your modules.

### **%CLI-W-PORTNOTFOUND port '<port\_name>' does not exist - ignoring**

**Explanation:**

The user is referring to a port on a module that is not currently available on the system. This is simply a warning message indicating that the command the user specified will not have an effect on the port since the module doesn't exist.

**Recommended Action:**

Verify that the port exists in the X-Pedition router before attempting to configure the specified port.

## **Error Messages**

### **%CLI-E-ATM\_ONLY This command requires an ATM port**

**Explanation:**

The user entered a non-ATM port for a command that requires ATM ports.

**Recommended Action:**

Re-enter the command with an ATM port.

### **%CLI-E-BADIFNAME Illegal interface name: "<interface\_name>" is a reserved keyword**

**Explanation:**

This error message is displayed when the user attempts to use a reserved keyword as an interface name. The reserved keywords are "default" and "all."

**Recommended Action:**

Specify a different name for the given interface.

### **%CLI-E-BADMCASTADDR Multicast address required: '<IP\_address>'**

**Explanation:**

The command requires a multicast address as a parameter but the user entered a non-multicast address.

**Recommended Action:**

Specify a multicast address.

### **%CLI-E-BADNAME Illegal name: '<Hostname>', use alphanumeric and dash '-' only**

**Explanation:**

An illegal hostname is specified. The name can have alphanumerics and dashes only.

**Recommended Action:**

Specify a valid hostname with alphanumerics and dashes only.

### **%CLI-E-BADNAME2 Illegal name: '<Hostname>', use alphanumeric, h '-', and '\_' only**

**Explanation:**

An illegal name is specified. The name can have alphanumerics, dashes and underscores only.

**Recommended Action:**

Specify a valid name with alphanumerics, dashes and underscores only.

### **%CLI-E-BADOPTCOMBO options '<option\_name>' and '<option\_name>' may not be used together**

**Explanation:**

The two options are mutually exclusive and may not be used together.

**Recommended Action:**

Verify options and re-enter command.

**%CLI-E-BADOPTMERGE, Unable to merge “<configuration\_command>” with “<configuration\_command>” - options '<option\_name>' and '<option\_name>' are mutually exclusive.**

**Explanation:**

The CLI engine attempted to merge a new command with a command that already exists in the configuration database. Although the commands contain enough similar information that they cannot both exist as separate commands, they contain *mutually exclusive* options that cannot merge. For example, consider the **snmp set community** command. This command uses two options, *group* and *privilege*, but will support only one of these options at a time. If the **snmp set community PublicRead privilege read** command already exists in the database and you enter the **snmp set community PublicRead group PublicGroup** command to change from the “privilege” option to the “group” option, this error will occur—you cannot merge these options.

**Recommended Action:**

To change the options associated with the commands listed in this error message, you must negate the old command first. Then you may enter the new command with the new option(s).

**%CLI-E-BADUNIADDR Unicast address required: '<IP\_address>'**

**Explanation:**

The command requires an IP unicast address as a parameter but the user entered a non-unicast address, for example, a multicast address.

**Recommended Action:**

Specify a unicast address.

**%CLI-E-CMDUNKNWN unknown or ambiguous command '<command\_name>'**

**Explanation:**

The user specified a command or reserved word that doesn't exist or is ambiguous.

**Recommended Action:**

Check to make sure that you typed in the command correctly. If there are multiple commands that match the specific command you typed (ambiguous command), enter additional characters of the command you want to clear the ambiguity.

**%CLI-E-COMPUNKWN unknown or ambiguous facility component  
'<command\_name>'**

**Explanation:**

The user specified a command or reserved word that doesn't exist or is ambiguous.

**Recommended Action:**

Check to make sure that you typed in the command correctly. If there are multiple commands that match the specific command you typed (ambiguous command), enter additional characters of the command you want to clear the ambiguity.

**%CLI-E-FACUNKWN unknown or ambiguous facility  
'<command\_name>'**

**Explanation:**

The user specified a command or reserved word that doesn't exist or is ambiguous.

**Recommended Action:**

Check to make sure that you typed in the command correctly. If there are multiple commands that match the specific command you typed (ambiguous command), enter additional characters of the command you want to clear the ambiguity.

**%CLI-E-FAILED Execution failed for “filters add static-entry name test  
restriction allow source-mac 010000:000000 vlan 5 in-port-list gi.4.1 out-  
port-list gi.4.2”**

**Explanation:**

The CLI did not allow the filter to be created because the VLAN does not exist.

**Recommended Action:**

Create a VLAN with ID 5 or change the Id in the filter to match the Id of an existing VLAN.

**%CLI-E-HISTNOMEM error adding to history file - insufficient memory**

**Explanation:**

Insufficient memory for command history file.

**Recommended Action:**

System resources are limited. Upgrade memory size. If problem persists, contact Enterasys Technical Support.

## **%CLI-E-HOSTBITS Host portion of IP address not zero: '<IP\_address>'**

**Explanation:**

When the specified IP address is ANDed with the specified netmask, the host portion of the address is not 0. The command that you just executed expects the host portion of the address to be 0.

**Recommended Action:**

Specify an IP address with the network portion of the address that matches the specified netmask. For example, 1.2.3.4/24 is not valid but 1.2.3.0/24 is.

## **%CLI-E-INCMPCMD incomplete command - aborting**

**Explanation:**

The command is incomplete. It is either missing a parameter value or a required option.

**Recommended Action:**

Specify a complete command with the missing parameter.

## **%CLI-E-INCMPQUOTE unterminated quote - missing terminating (")**

**Explanation:**

A string in quotes is missing the terminating quote.

**Recommended Action:**

Re-enter the command with the terminating quote.

## **%CLI-E-IPC\_QUEUE error in opening IPC queue for this session**

**Explanation:**

An internal error occurred when initializing the CLI.

**Recommended Action:**

Contact Enterasys Technical Support.



**%CLI-E-IPC\_QUEUE\_CLOSE error in closing IPC queue for this session****Explanation:**

An internal error occurred when shutting down the CLI.

**Recommended Action:**

Contact Enterasys Technical Support.

**%CLI-E-IVADDR invalid memory address '<memory\_address>'****Explanation:**

An invalid memory address is specified. A memory address must be a non-negative number.

**Recommended Action:**

Specify a valid memory address.

**%CLI-E-IVADDRLIST invalid memory address list '<memory\_address>'****Explanation:**

One or more addresses in the memory address list is invalid. A memory address must be a non-negative number.

**Recommended Action:**

Specify a valid memory address.

**%CLI-E-IVBGPCOMM "invalid BGP community string value '<value>'"****Explanation:**

An invalid community string was specified for an **ip-router policy create/add optional-attributes-list** command. The community string is a list of community identifiers like a:b a:b a:b where a is the Autonomous system portion (1 to 65534) and b is the community identifier portion (0 to 65535) of a community split. The following well-known community names, no-export, no-advertise, and no-export-subconfed, can also be used in place of the identifiers. For well-known communities (ones that start with 65535) only the values specified in RFC1997 are allowed.

The value can be an extended community like 'type:as:id' or 'type:ipaddr:id' where type can be either target or origin, and id is either two bytes long when used with IP addr and 4 bytes long when it is an AS number. It is also possible to include the well-known community names no-export, no-advertise, no-export-subconfed along with other communities.

**Recommended Action:**

Supply a valid community string.

**%CLI-E-IVCHANNEL invalid or unoccupied channel number specified:  
'<channel\_number>'**

**Explanation:**

The user specified a channel that does not exist or is not occupied.

**Recommended Action:**

Specify a channel that is occupied.

**%CLI-E-IVCMD invalid command '<command\_name>'**

**Explanation:**

An invalid command word is specified.

**Recommended Action:**

Check to make sure that the command exists and that you didn't type in the wrong command.

**%CLI-E-IVCONDITIONAL invalid conditional expression  
'<expression\_type>'**

**Explanation:**

You may have specified an invalid conditional expression. A conditional expression must start with a conditional symbol and be followed by a number. The three acceptable conditional symbols are: > (greater than), < (less than) and != (not equal to). For example, these are valid conditional expressions: >1024 (greater than 1024), <1024 (less than 1024) and !=1024 (not equal to 1024).

**Recommended Action:**

Specify a valid conditional expression.

**%CLI-E-IVFACINST invalid facility instance '<parameter\_name>'**

**Explanation:**

An invalid parameter is specified.

**Recommended Action:**

Check to make sure that the parameter you entered agrees with the parameter type and value this command expects.

**%CLI-E-IVFLOAT invalid floating point number '<number>'****Explanation:**

An invalid floating point number is specified.

**Recommended Action:**

Enter a valid floating point number.

**%CLI-E-IVHEX invalid hexadecimal value '<hex\_value>'****Explanation:**

An invalid hexadecimal number is specified. Only 0-9 and A-F are valid digits for a hexadecimal number.

**Recommended Action:**

Specify a valid hexadecimal number.

**%CLI-E-IVIFNAME\_IPADDR invalid interface name or IP address  
'<IP\_address/Interface\_name>'****Explanation:**

An invalid interface name or an invalid IP address is specified. Only alphabets, period (.), dash (-) and underscore (\_) are allowed in an interface name. In addition, the strings 'default' and 'all' are reserved and cannot be used.

**Recommended Action:**

Specify a valid interface name or a valid IP address.

**%CLI-E-IVIFNAMES invalid interface name list given:  
'<interface\_name>'****Explanation:**

One or more specified interface names in the interface name list is invalid. Names in the interface name list must be separated by commas (,) without spaces.

**Recommended Action:**

Specify a valid interface name list.

### **%CLI-E-IVIPADDR invalid IP address '<IP\_address>'**

**Explanation:**

An invalid IP address is specified.

**Recommended Action:**

Specify an IP address of the form x.x.x.x where x must be between 0-255.

### **%CLI-E-IVIPADDR\_MASK invalid IP address or mask '%s'**

**Explanation:**

You may have specified an IP address and mask pair in which the address and/or mask is invalid. Depending on the command, the mask may be a network mask or filtering mask. The mask can be described using the traditional IP address syntax (255.0.0.0) or a CIDR syntax (/8). For example, the following two parameters are equivalent: 10.1.0.0/255.255.0.0 or 10.1.0.0/16.

**Recommended Action:**

Specify a valid IP address and mask pair.

### **%CLI-E-IVIPLIST invalid IP address list '<IP\_address>'**

**Explanation:**

An invalid list of IP addresses is specified. If the list has more than one address, then the list must be specified inside quotes. Addresses must be separated by spaces.

**Recommended Action:**

Specify a valid IP address list.

### **%CLI-E-IVIPRANGE invalid IP range specified '%s'**

**Explanation:**

An invalid IP range is specified.

**Recommended Action:**

Specify an IP range in the form x.x.x.x-x.x.x.x where x must be between 0-255.  
Re-enter the command for a non-ATM port.

**%CLI-E-IVIPV6ADDR\_ZONEID <string> is not a valid IPv6 address, is a link-local address without a zone-id specifier, or is a non-link local address with a zone id specifier**

**Explanation:**

An invalid IPv6 address was entered.

**Recommended Action:**

Make sure that you entered the information correctly.

**%CLI-E-IVIPXADDR invalid IPX address '<IPX\_address>'**

**Explanation:**

An invalid IPX address is specified. A valid IPX address is a hexadecimal number less than 0xffffffff.

**Recommended Action:**

Specify a valid IPX address.

**%CLI-E-IVIPXADDR\_MAC invalid IPX network.node address '<IPX\_address>'**

**Explanation:**

An invalid IPX network.node address is specified. The network portion of the address must be a valid IPX address. The node portion of the address must be a valid MAC address. The two components of the address are separated by a period (.) without any spaces between them.

**Recommended Action:**

Specify a valid IPX address.

**%CLI-E-IVLIST invalid list '<command\_name>'**

**Explanation:**

Invalid CLI list.

**Recommended Action:**

Verify CLI list and re-enter command.

### **%CLI-E-IVMACADDR invalid MAC address '<MAC\_address>'**

**Explanation:**

Invalid MAC address.

**Recommended Action:**

Try again with proper MAC address. Format of MAC address is xx:xx:xx:xx:xx:xx or xxxxxx:xxxxxx.

### **%CLI-E-IVMASK Non-contiguous mask not allowed**

**Explanation:**

The mask was non-contiguous and this is not allowed.

**Recommended Action:**

Retry with a continuous mask.

### **%CLI-E-IVMODRANGE module range '<module\_name>' is illegal**

**Explanation:**

Invalid module range.

**Recommended Action:**

Verify module range and re-enter a valid module range.

### **%CLI-E-IVNAME\_IPADDR invalid hostname or IP address '<IP\_address/Hostname>'**

**Explanation:**

Invalid hostname or IP address.

**Recommended Action:**

Verify IP address is in correct format xxx.xxx.xxx.xxx, or the hostname is valid.

**%CLI-E-IVNAME\_IPV6ADDR\_ZONEID <string> is not a valid IPv6 address, is not a valid or resolvable hostname, is a link-local address without a zone-id specifier, or is a non-link local address with a zone id specifier**

**Explanation:**

An invalid IPv6 address/hostname was entered.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%CLI-E-IVNAMEIPLIST invalid host name and IP address list '%s'**

**Explanation:**

The specified host name and IP address list is invalid. If more than one servers are configured, they need to be separated by space and are surrounded with a set of quotes. Each IP address must be in dotted-decimal-notation.

**Recommended Action:**

Specify the host name and IP address list using the required format.

**%CLI-E-IVNUMBER invalid numerical value '%s'**

**Explanation:**

Numerical value is not valid.

**Recommended Action:**

Verify numerical value and re-enter command with valid number.

**%CLI-E-IVNUMHILIMIT numerical value '<number>' is higher than acceptable**

**Explanation:**

Numerical value is larger than acceptable.

**Recommended Action:**

Verify numerical value and re-enter command with valid number.

### **%CLI-E-IVNUMLIST invalid numerical list '%s' (e.g. 1, 3-5, 6, 13-25)**

**Explanation:**

Numerical list is not valid.

**Recommended Action:**

Verify numerical list and re-enter command with valid list.

### **%CLI-E-IVNUMRANGE invalid numerical range '%s' (e.g. 1 or 3-5)**

**Explanation:**

Numerical range is not valid.

**Recommended Action:**

Verify numerical value and re-enter command with valid number. Numerical lists (e.g., 1, 3-6, 7-10) are not valid.

### **%CLI-E-IVNUMLOLIMIT numerical value '<number>' is lower than acceptable**

**Explanation:**

Numerical value is smaller than acceptable.

**Recommended Action:**

Verify numerical value and re-enter command with valid number.

### **%CLI-E-IVNUMRANGE invalid numerical range '<number>' (e.g. 1,3-5,6,13-25)**

**Explanation:**

Numerical range is not valid.

**Recommended Action:**

Verify numerical value and re-enter command with valid number.



### **%CLI-E-IVOBJINST invalid object instance '<object\_name>'**

**Explanation:**

The object instance of the CLI command is not valid.

**Recommended Action:**

Verify object instance and re-enter command with the valid object instance.

### **%CLI-E-IVOPT invalid option or option value '<option\_name>'**

**Explanation:**

The option or option value of the CLI command is not valid.

**Recommended Action:**

Verify option value and re-enter command with valid option instance and valid option value.

### **%CLI-E-IVOPTVAL invalid option value '<option\_name>'**

**Explanation:**

The option value of the CLI command is not valid.

**Recommended Action:**

Verify option value and re-enter command with valid option value.

### **%CLI-E-IVPORTLIST invalid port's list '<port\_name>'**

**Explanation:**

The port range is not legal.

**Recommended Action:**

Ensure that you have a valid port range (1-8 for et) (1-2 for gi).

### **%CLI-E-IVPORTNAME syntax error in port name '<port\_name>'**

**Explanation:**

Port name is invalid.

**Recommended Action:**

Ensure you have a valid port name (e.g., et.1.2, gi.3.1) and that it is physically present.

## **%CLI-E-IVPORTRANGE port range '<port\_name>' is illegal**

**Explanation:**

The port range is not legal.

**Recommended Action:**

Ensure that you have a valid port range (1-8 for et) (1-2 for gi).

## **%CLI-E-IVPORTYPE unrecognized port type '<port\_type>'**

**Explanation:**

The port type is invalid.

**Recommended Action:**

Ensure you have a valid port type (et, gi, etc) and it is physically present.

## **%CLI-E-IVSAPSRVNAME invalid SAP server name: '<server\_name>'**

**Explanation:**

The SAP server name is invalid.

**Recommended Action:**

Verify SAP server name and re-enter command with valid SAP server name.

## **%CLI-E-IVURL invalid URL: '<URL\_name>'**

**Explanation:**

The URL is invalid.

**Recommended Action:**

Verify URL and re-enter command with valid URL.

## **%CLI-E-IVVC RANGE VC range 'number' is illegal**

**Explanation:**

The specified VC range is illegal. Valid VC range is between 16-991.

**Recommended Action:**

Specify a VC range between 16-991.

### **%CLI-E-LARGELIST list of *<number>* elements is too large**

**Explanation:**

The CLI list is too large.

**Recommended Action:**

Re-enter command with fewer elements.

### **%CLI-E-LARGENUMRNG numerical list of *<number>* is too large**

**Explanation:**

The numerical list is too large.

**Recommended Action:**

Re-enter command with fewer numerical elements.

### **%CLI-E-LARGEPORTRNG port list of *<number>* ranges is too large**

**Explanation:**

The port list is too large.

**Recommended Action:**

Re-enter command with fewer port elements.

### **%CLI-E-MAXLEN “*<command\_name>*” exceeded maximum length of *<number>* characters**

**Explanation:**

The CLI command is too long.

**Recommended Action:**

No CLI commands need to be this long. Check to see if your interface names are excessive in length.

## **%CLI-E-MISSING\_VCI Missing VCI specification**

**Explanation:**

The user entered a port with no VCI specification for a command that requires a VCI specification.

**Recommended Action:**

Re-enter the command with a port that has a VCI Specification.

## **%CLI-E-MISSING\_VPI Missing VPI specification**

**Explanation:**

The user entered a port with no VPI specifications for a command that requires a VPI specification.

**Recommended Action:**

Re-enter the command with a port that has a VPI Specification.

## **%CLI-E-MISSOPTION missing one of these required options: <option\_name>**

**Explanation:**

One of the required CLI command options is missing.

**Recommended Action:**

Re-enter command with appropriate option.

## **%CLI-E-MISSREQD Missing required parameter '<parameter\_name>'**

**Explanation:**

One of the required CLI command parameters is missing.

**Recommended Action:**

Re-enter command with the appropriate parameter.

## **%CLI-E-MODRANGEBAD module range '<module\_name>', syntax error**

**Explanation:**

The module range is invalid.

**Recommended Action:**

Re-enter command with a valid module range (e.g., et.1.8)

### **%CLI-E-MODULEONLY Please enter module specification only (e.g. hs.3)**

**Explanation:**

The command requires the user to enter a WAN module without any port or VC information. For example, to specify HSSI module 3, the user should use **hs.3**.

**Recommended Action:**

Re-enter command with a WAN module only.

### **%CLI-E-NAMETOOLONG port name '<port\_name>' is too long**

**Explanation:**

The CLI port name is too long.

**Recommended Action:**

Re-enter command with a valid port name (e.g., et.1.8).

### **%CLI-E-NOATM ATM port not allowed for this command**

**Explanation:**

The user specified an ATM port for a command that does not operate on an ATM port.

**Recommended Action:**

Do not specify an ATM port with this command.

### **%CLI-E-NODVMRPFAC, This command cannot be used when PIM has been configured**

**Explanation:**

This message appears when PIM is configured and a user attempts to execute a DVMRP command.

**Recommended Action:**

Do not use DVMRP commands when PIM is enabled. To use DVMRP commands, you must first remove or comment out the PIM commands and reboot the router.

## **%CLI-E-NOFACINST no facility instance allowed**

**Explanation:**

This CLI facility instance is invalid.

**Recommended Action:**

Re-enter command with proper syntax.

## **%CLI-E-NOMEM processing error - insufficient memory**

**Explanation:**

Insufficient memory for operation.

**Recommended Action:**

System resources are limited. Upgrade memory size. If problem persists, contact Enterasys Technical Support.

## **%CLI-E-NOMP MLP port not allowed; physical port only**

**Explanation:**

The user specified an MLP port for a command for which this is not allowed.

**Recommended Action:**

Re-enter the command without the MLP port.

## **%CLI-E-NOOPTVAL missing required value for option '<value>'**

**Explanation:**

One of the required CLI command options is missing.

**Recommended Action:**

Re-enter command with the appropriate option.

## **%CLI-E-NOPHYPORT physical port not allowed; SmartTRUNK port only**

**Explanation:**

The user specified a physical port when the command expects a SmartTRUNK port only.

**Recommended Action:**

Re-enter command with a SmartTRUNK port.

## **%CLI-E-NOPIMFAC, This command cannot be used when IGMP or DVMRP has been configured**

**Explanation:**

This message appears when DVMRP or IGMP is configured and a user attempts to execute a PIM command.

**Recommended Action:**

Do not use PIM commands when DVMRP or IGMP is enabled. To use DVMRP commands, you must first remove or comment out the DVMRP or IGMP commands and reboot the router.

## **%CLI-E-NOTRUNK SmartTRUNK port not allowed; physical port only**

**Explanation:**

The user specified a SmartTRUNK when the command expects a physical port only.

**Recommended Action:**

Re-enter command with a physical port.

## **%CLI-E-NO\_VC VC specification is not allowed**

**Explanation:**

The user specified a VC for the WAN port but the command does not allow a VC to be specified.

**Recommended Action:**

Re-enter command with a WAN port without a VC

## **%CLI-E-NOWAN WAN port not allowed for this command**

**Explanation:**

The user specified a WAN port when the command does not operate on a WAN port.

**Recommended Action:**

Re-enter command with a non-WAN port.

## **%CLI-E-OBJUNKNWN unknown or ambiguous command object '<command\_name>'**

**Explanation:**

The CLI command is invalid.

**Recommended Action:**

Re-enter command with proper syntax.

## **%CLI-E-OPTREQSOPT option '<option\_name>' requires ONE of these options: <option\_name>**

**Explanation:**

The CLI command requires another option.

**Recommended Action:**

Re-enter command with the proper option.

## **%CLI-E-OPTUNKNWN unknown or ambiguous option '<option\_name>'**

**Explanation:**

One of the required CLI command options is invalid.

**Recommended Action:**

Re-enter command with the appropriate option.



**%CLI-E-PARSEIVKYWD parser error - invalid keyword**  
**'<command\_name>'**

**Explanation:**

The CLI command has an invalid keyword.

**Recommended Action:**

Try again with appropriate keyword.

**%CLI-E-PARSENOOPT parser error - missing required option**  
**'<command\_name>'**

**Explanation:**

The CLI command requires another option.

**Recommended Action:**

Re-enter command with proper options.

**%CLI-E-PARSEOPTERR parser error during option processing - aborting**

**Explanation:**

The CLI command could not be parsed.

**Recommended Action:**

Re-enter command with proper syntax.

**%CLI-E-PORTRANGEBAD port range '<port\_name>', syntax error**

**Explanation:**

The CLI port range is invalid.

**Recommended Action:**

Re-enter command with proper port range (e.g., et.1.(1-8)).

## **%CLI-E-TOOMANYPORTS Only one port allowed '<port\_name>'**

**Explanation:**

Too many ports in CLI command.

**Recommended Action:**

Re-enter command with only one port specified.

## **%CLI-E-VCRANGEBAD VC range 'number', syntax error**

**Explanation:**

The specified range of VC is wrong or has a syntax error.

**Recommended Action:**

Specify a correct range for the VC.

## **%CLI-E-WANONLY This command requires a WAN port**

**Explanation:**

The user specified a non-WAN port when this command expects a WAN port only.

**Recommended Action:**

Re-enter the command with a WAN port.

# Chapter 11

## Command Error Messages

This chapter describes the error messages for the Command facility.

### Audit Messages

#### **%COMMAND-A-ADD “Config command (%s) added to configuration”**

**Explanation:**

A configuration command was added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

#### **%COMMAND-A-FAIL “Config command (%s) failed to execute”**

**Explanation:**

A configuration command failed to execute when added to the active configuration.

**Recommended Action:**

Check the command options and syntax and try the command again.

## **%COMMAND-A-MOD “Config command (%s) modified existing command”**

**Explanation:**

A configuration command in the active configuration was modified.

**Recommended Action:**

Security audit message. No action necessary.

## **%COMMAND-A-REM “Config command (%s) removed from configuration”**

**Explanation:**

A configuration command was remove from the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

# Chapter 12

## Common CLI Error Messages

This chapter describes the error messages for the Common CLI.

### Warning Messages

#### **%COMMON-W-CHANGES Uncommitted configuration changes exist**

**Explanation:**

The user is attempting to log off or exit but there are non-committed configuration changes in the scratchpad.

**Recommended Action:**

If you want to commit those changes, you should abort the log off and commit your changes.

#### **%COMMON-W-CMDNONREMOVABLE Deletion of non-removable command(s) failed**

**Explanation:**

The user is attempting to remove non-removable commands from the Active Configuration.

**Recommended Action:**

The commands cannot be removed from the Active Configuration. No action is necessary.

## Error Messages

### **%COMMON-E-ATM\_ONLY This command requires an ATM port**

**Explanation:**

The user has entered a port list that is not a required ATM port list.

**Recommended Action:**

Replace the port list with an ATM port list.

### **%COMMON-E-CMDUNKNOWN unknown or ambiguous command '<command\_name>'**

**Explanation:**

The user specified a command or reserved word that doesn't exist or is ambiguous.

**Recommended Action:**

Check to make sure that you typed in the command correctly. If there are multiple commands that match the specific command you typed (ambiguous command), enter additional characters of the command you want to clear the ambiguity.

### **%COMMON-E-CMDUSERMODE command '<command\_name>' not allowed in current mode**

**Explanation:**

The user attempted to execute a command not allowed in the Common CLI mode the user is currently in.

**Recommended Action:**

Refer to the Common CLI Reference Manual to determine which Common CLI mode the command is allowed to execute in. Access the correct Common CLI mode and re-execute the command.

## **%COMMON-E-FAILED Execution failed for “<command\_name>”**

**Explanation:**

An error occurred when the specified command was executed.

**Recommended Action:**

Another error follows this error message which indicates the actual cause of the error. Examine the subsequent error message and fix the problem accordingly.

## **%COMMON-E-FDDI\_ONLY This command requires a FDDI port**

**Explanation:**

The user has entered a port list that is not a required FDDI port list.

**Recommended Action:**

Replace the port list with a FDDI port list.

## **%COMMON-E-INVALIDHEX '<value>' Not a Hex value**

**Explanation:**

The user entered an incorrect value for the hexadecimal parameter.

**Recommended Action:**

Re-enter the value in the correct hexadecimal format. Consult the Common CLI Reference Manual for the correct hexadecimal format.

## **%COMMON-E-INVALIDHEXRANGE value '%s' not in valid Hex Range**

**Explanation:**

The user entered a hexadecimal value that was not within a specified range.

**Recommended Action:**

Re-enter the value within the correct hexadecimal range. The hexadecimal range can be determined through the Common CLI help facility, or reference the Common CLI Reference Manual.

## **%COMMON-E-INVALIDIFNAME Invalid interface name: '<value>'**

**Explanation:**

The user has specified an incorrect interface name.

**Recommended Action:**

Check to make sure the interface with that name exists. Use the command show interfaces to get a complete list of available interfaces.

## **%COMMON-E-INVALIDINT '<value>' Not an Integer for Parameter '<parameter\_name>'**

**Explanation:**

The value entered by the user for the Parameter was not in an integer format.

**Recommended Action:**

Re-enter the value for the Parameter in an integer format.

## **%COMMON-E-INVALIDINTSET Invalid format <value> for Integer Set Parameter <parameter\_name>**

**Explanation:**

The value entered by the user for the Parameter was in an invalid format for an Integer Set (also known as a numerical range).

**Recommended Action:**

Re-enter the Integer Set value in the correct format. Consult the Common CLI Reference Manual for the correct format listed as a numerical range.

## **%COMMON-E-INVALIDIP Invalid IP address format '<value>'**

**Explanation:**

The user entered an IP address in an invalid format.

**Recommended Action:**

Re-enter the IP address in the correct format. Consult the Common CLI Reference Manual for the correct IP address formats.



### **%COMMON-E-INVALIDIPX Invalid IPX address format '<value>': use form 'a1b2c3d4.abcd.efab.cdef'**

**Explanation:**

The user entered an IPX address in the incorrect format.

**Recommended Action:**

Re-enter the IPX address in the correct format specified in the error message.

### **%COMMON-E-INVALIDMAC Invalid MAC address format '<value>'**

**Explanation:**

The user entered a MAC address in an invalid format.

**Recommended Action:**

Re-enter the MAC address in the correct format. Consult the Common CLI Reference Manual for the correct MAC address formats.

### **%COMMON-E-INVALIDMACHEX Invalid hex-code '<hex\_value>' in MAC address '<MAC\_address>'**

**Explanation:**

A part of the MAC address the user entered has an invalid hexadecimal value.

**Recommended Action:**

Re-enter the MAC address with the correct hexadecimal value. Consult the Common CLI Reference Manual for the correct MAC address formats.

### **%COMMON-E-INVALIDNAMEIP Invalid hostname or IP address format '<value>'**

**Explanation:**

The user entered a hostname or IP address in an invalid format.

**Recommended Action:**

Re-enter the hostname or IP address in the correct format. Consult the Common CLI Reference Manual for the correct hostname or IP address formats.

## **%COMMON-E-INVALIDPARAM Invalid param, possible values for Parameter '<parameter\_name>' '<value list>'**

**Explanation:**

The user entered an invalid parameter value.

**Recommended Action:**

Re-enter the command with one of the correct parameter values listed in the error message.

## **%COMMON-E-INVALIDPORT Invalid port range: '<value>'**

**Explanation:**

The user has entered an invalid range of port numbers.

**Recommended Action:**

Re-enter the correct range of port numbers. Consult the Common CLI Reference Manual for the correct format for a range of port numbers.

## **%COMMON-E-INVALIDPORTLIST Invalid port list: '<value>'**

**Explanation:**

The user has entered the port list in an invalid format, or the specified ports in the list do not exist.

**Recommended Action:**

Re-enter the port list in the correct format, or check to see if the specified ports are valid. Consult the Common CLI Reference Manual for the correct format for a port list.

## **%COMMON-E-INVALIDRANGE value '<value>' not in valid Integer Range**

**Explanation:**

The user entered an Integer or numeric value that was not within a specified range.

**Recommended Action:**

Re-enter the value within the correct numeric range. The numeric range can be determined through the Common CLI help facility, or reference the Common CLI Reference Manual.

### **%COMMON-E-INVALIDSLOT Invalid slot range: '<value>'**

**Explanation:**

The user has entered an invalid range of slot numbers.

**Recommended Action:**

Re-enter the correct range of slot numbers. Consult the Common CLI Reference Manual for the correct format for a range of slot numbers.

### **%COMMON-E-INVALIDSTRING string length not more than <length> for '<parameter\_name>'**

**Explanation:**

The user entered a parameter string that exceeded the specified string length.

**Recommended Action:**

Re-enter the parameter string that is less or equal to the specified string length.

### **%COMMON-E-INVALIDVC Invalid VC range: '<value>'**

**Explanation:**

The user has entered an invalid range of VC values.

**Recommended Action:**

Re-enter the correct range of VC values. Consult the Common CLI Reference Manual for the correct format for a range of VC values.

### **%COMMON-E-INVALIDVPI Invalid VPI range: '<value>'**

**Explanation:**

The user has entered an invalid range of VPI values.

**Recommended Action:**

Re-enter the correct range of VPI values. Consult the Common CLI Reference Manual for the correct format for a range of VPI values.

## **%COMMON-E-LOGINFAILED Console login failed**

**Explanation:**

This message appears when the console login failed.

**Recommended Action:**

Ensure you have the appropriate username and password.

## **%COMMON-E-MANDATORY Please enter all mandatory commands or parameters**

**Explanation:**

The user executed a command without the entire mandatory commands and/or parameters.

**Recommended Action:**

Check to make sure all the necessary commands and/or parameters are present for the action you want to execute. Use the Common CLI help facility to determine what commands and/or parameters are mandatory.

## **%COMMON-E-MISSING\_VCI Missing VCI specification**

**Explanation:**

The user entered a port with no VCI specification for a command that requires a VCI specification.

**Recommended Action:**

Re-enter the command with a port that has a VCI Specification.

## **%COMMON-E-MISSING\_VPI Missing VPI specification**

**Explanation:**

The user entered a port with no VPI specifications for a command that requires a VPI specification.

**Recommended Action:**

Re-enter the command with a port that has a VPI Specification.

### **%COMMON-E-MODNOTFOUND <module\_type>: module '<module\_number>' does not exist**

**Explanation:**

The user is referring to a physical module that is not currently available on the system. This warning message indicates that the command the user specified will not have an effect on the module since the module doesn't exist.

**Recommended Action:**

Verify physical module exists before attempting to configure the specified module.

### **%COMMON-E-MODULE\_ONLY Please enter module specification only (e.g. hssi3)**

**Explanation:**

The user has entered a port list instead of the required module name.

**Recommended Action:**

Replace the port list with the module name (e.g. hssi3).

### **%COMMON-E-NO\_VC VC specification is not allowed**

**Explanation:**

The user specified a VC for the WAN port but the command does not allow a VC to be specified.

**Recommended Action:**

Re-enter command with a WAN port without a VC.

### **%COMMON-E-NO\_VCI VCI specification is not allowed**

**Explanation:**

The user has entered a VCI specification that is not allowed for this command.

**Recommended Action:**

Consult the Common CLI Reference Manual to determine what is allowed for the command.

## **%COMMON-E-NO\_VPI VPI specification is not allowed**

**Explanation:**

The user has entered a VPI specification that is not allowed for this command.

**Recommended Action:**

Consult the Common CLI Reference Manual to determine what is allowed for the command.

## **%COMMON-E-NOATM ATM port not allowed for this command**

**Explanation:**

The user has entered an ATM port name that is not a valid port name for the command.

**Recommended Action:**

Use the Common CLI help facility to determine the valid ports for the command, or consult the Common CLI Reference Manual.

## **%COMMON-E-NODATATYPE Datatype for the parameter '<value>' incorrect**

**Explanation:**

The user has entered a parameter value that is not within the valid list of parameters for the current position within the command.

**Recommended Action:**

Use the Common CLI help facility to find out which types of parameters are available for the current position within the command.

## **%COMMON-E-NOMEM processing error - insufficient memory**

**Explanation:**

Insufficient memory for operation.

**Recommended Action:**

System resources are limited. Upgrade memory size. If problem persists, contact Enterasys Technical Support.

## **%COMMON-E-NOMP MLP port not allowed; physical port only**

**Explanation:**

The user has entered a multi-link ppp port group name instead of a physical port name. A physical port name is required.

**Recommended Action:**

Determine which physical ports are specified in the multi-link ppp port group. Use the physical port names when executing the command.

## **%COMMON-E-NOPHYPORT Physical port not allowed; <smart\_trunk\_port\_name> port only**

**Explanation:**

The user has entered a physical port name instead of a smart trunk port name. A smart trunk port name is required.

**Recommended Action:**

Determine which smart trunk the physical port belongs to. Use the smart trunk port name when executing the command.

## **%COMMON-E-NOPOS POS port not allowed for this command**

**Explanation:**

The user has entered a POS port name that is not a valid port name for the command.

**Recommended Action:**

Use the Common CLI help facility to determine the valid ports for the command, or consult the Common CLI Reference Manual.

## **%COMMON-E-NOTIMPLEMENTED This command has not been implemented**

**Explanation:**

The command executed is currently not implemented.

**Recommended Action:**

No action is necessary.

## **%COMMON-E-NOTRUNK <smart\_trunk\_port\_name> port not allowed; physical port only**

**Explanation:**

The user has entered a smart trunk port name instead of a physical port name. A physical port name is required.

**Recommended Action:**

Determine which physical ports are specified in the smart trunk. Use the physical port names when executing the command.

## **%COMMON-E-NOTSUPPORTED This command is not supported**

**Explanation:**

The command executed is not currently supported.

**Recommended Action:**

No action is necessary.

## **%COMMON-E-NOWAN WAN port not allowed for this command**

**Explanation:**

The user has entered a WAN port name, which is not a valid port name for the command.

**Recommended Action:**

Use the Common CLI help facility to determine the valid ports for the command, or consult the Common CLI Reference Manual.

## **%COMMON-E-PARAMMISSING Missing value for '<parameter>'**

**Explanation:**

The user executed a command without a value for the parameter.

**Recommended Action:**

Enter a value for the parameter. The value must be in the correct parameter format.



## **%COMMON-E-PORTBAD Port '<port\_name>' not available**

**Explanation:**

The user has entered a port name that does not exist.

**Recommended Action:**

Re-execute the command with a valid port name.

## **%COMMON-E-POS\_ONLY This command requires a POS port**

**Explanation:**

The user has entered a port list that is not a required POS port list.

**Recommended Action:**

Replace the port list with a POS port list.

## **%COMMON-E-SONET\_ONLY This command requires a SONET port**

**Explanation:**

The user has entered a port list that is not a required SONET port list.

**Recommended Action:**

Replace the port list with a SONET port list.

## **%COMMON-E-WAN\_ONLY This command requires a WAN port**

**Explanation:**

The user has entered a port list that is not a required WAN port list.

**Recommended Action:**

Replace the port list with a WAN port list.



# Chapter 13

## Configuration Error Messages

This chapter describes the error messages for the Configuration facility.

### Informational Messages

#### **%CONFIG-I-AREERASED ARE Blade '<number>' configuration erased**

**Explanation:**

The configuration for the blade in the specified slot has been erased.

**Recommended Action:**

Informational Message. No action necessary.

#### **%CONFIG-I-ERASED Non-committed changes erased**

**Explanation:**

Non-committed changes in the scratchpad are erased.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-ERASED Startup configuration file erased**

**Explanation:**

The Startup configuration file is erased.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-NOCHANGES There are no non-committed changes**

**Explanation:**

The user is attempting to examine the non-committed commands in the scratchpad and there are not any.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-NOCONFIG The running system has no configuration**

**Explanation:**

The user is attempting to examine the active configuration of the system but the system has no configuration.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-MAVED configuration saved to Startup configuration**

**Explanation:**

The active configuration has been saved to the Startup configuration.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-WILDCARD '<number>' command(s) marked for negation**

**Explanation:**

This message indicates that *n* number of commands are marked for negation.

**Recommended Action:**

Informational Message. No action necessary.

## **%CONFIG-I-WRITTEN File copied successfully.**

**Explanation:**

The requested file copy operation completed successfully.

**Recommended Action:**

Informational Message. No action necessary.

## **Warning Messages**

### **%CONFIG-W-BACKUP\_CFG Cannot find Startup config - using backup on PCMCIA flash**

**Explanation:**

While booting, the system was unable to locate the startup config, and therefore is attempting to boot from a backup on the PCMCIA Flash Module.

**Recommended Action:**

Create a startup config by doing a save startup with the desired active configuration.

### **%CONFIG-W-CFG\_BLANK Startup config has no useful commands - using backup on PCMCIA flash**

**Explanation:**

While booting, the system found no valid commands in the startup config, and therefore is attempting to boot from a backup on the PCMCIA Flash Module.

**Recommended Action:**

Create a startup config by doing a save startup with the desired active configuration.

**%CONFIG-W-MISMATCH**Potentially incompatible versions between the configuration (<number>.<number>) and the system software (<number>.<number>)

**Explanation:**

The configuration file was created using a version of the system software that is different from the version that is running on the system. The version numbers are displayed in parenthesis.

**Recommended Action:**

Re-enter configuration using current system software.

**%CONFIG-W-NOCOMMIT**Changes in Scratchpad not committed to the running system

**Explanation:**

This warning message is displayed when you want to exit Configure mode after making configuration changes but did not commit the changes. The non-committed changes will not have any effect on the running system. They will stay in the Scratchpad until you commit them or erase the scratchpad.

**Recommended Action:**

Commit the changes if you want them to effect the running system.

**%CONFIG-W-NOTSAVED**Changes made to the running system are not saved to Startup.

**Explanation:**

Changes were made to the configuration of the running system but the changes are not saved in the Startup configuration. If the system is rebooted without saving these changes, the changes will be lost. This message is displayed when you want to exit the current login session or reboot and the active configuration does not match the Startup configuration.

**Recommended Action:**

Save configuration to startup if you wish the system to startup using the current configuration.

## **%CONFIG-W-STARTNOTACT, Warning-startup configuration commands are not active, reboot the system to make them active.**

**Explanation:**

The start-up configuration commands are currently inactive.

**Recommended Action:**

Reboot the system.

## **Error Messages**

### **%CONFIG-E-BADMOVE Source and Destination are the same**

**Explanation:**

While using the ACL editor the user attempted to move an existing ACL to its existing position.

**Recommended Action:**

Verify that the ACL destination was entered correctly.

### **%CONFIG-E-BADPATH Bad file or pathname specified: %s**

**Explanation:**

When entering the path name of a config file, the user specified a path that does not exist.

**Recommended Action:**

Re-enter the command with the correct path.

### **%CONFIG-E-BADVERSION Bad version string: <version\_name>**

**Explanation:**

The configuration file you have contains a bad version string.

**Recommended Action:**

Check to see if the version string in the configuration file is corrupted. See if you can restore a backup configuration file or try to manually fix the version string.

## **%CONFIG-E-BINARY Binary data encountered, configuration aborted**

**Explanation:**

The configuration file downloaded from TFTP or RCP server contains binary data. The configuration file should only contain ASCII text characters.

**Recommended Action:**

Check to make sure you have the correct file or that the file contains only ASCII text characters.

## **%CONFIG-E-CMDSMUTEX, The commands “<command1>” and “<command2>” cannot be active at the same time.**

**Explanation:**

A user attempted to activate two commands that are mutually exclusive. Command <command1> and command <command2> may not be active at the same time.

**Recommended Action:**

Make only one of these commands active at a time.

## **%CONFIG-E-CONFIG\_EMPTY There is no configuration information to save**

**Explanation:**

The user is trying to save configuration information to a file but there is nothing to save. The configuration is empty.

**Recommended Action:**

None.

## **%CONFIG-E-DUPLICATE Command is already in the active configuration, ignored...**

**Explanation:**

The user is attempting to enter a configuration command that is already in the active configuration. In other words, the same configuration command is entered again.

**Recommended Action:**

None.



## **%CONFIG-E-GET\_SEMA4 Unable to acquire %s semaphore: %d**

**Explanation:**

An internal error occurred when trying to access one of the configuration databases.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%CONFIG-E-INVLDMOVE Invalid Source and or Destination**

**Explanation:**

Source and or destination of comment line specified is invalid.

**Recommended Action:**

Verify that both source and destination were entered correctly.

## **%CONFIG-E-NEED\_COMMAND Need at least one command word to match**

**Explanation:**

The user is attempting to do a wildcard negate operation using *no* <string> \* but the specified wildcard string does not match any existing command.

**Recommended Action:**

Verify you have entered the wildcard string correctly.

## **%CONFIG-E-NOMATCH No matching command found**

**Explanation:**

The user is attempting to negate a command (using “no...””) but the specified command doesn’t exist.

**Recommended Action:**

Verify you have entered the command to be negated correctly. You can also use the *negate* command together with a command number.

### **%CONFIG-E-NONEGATE Cannot negate the command and change options at the same time; negation ignored...**

**Explanation:**

The user tried to make active a set of scratchpad changes that included both a negation and option changes for the same command.

**Recommended Action:**

Only the change of options will take effect. Re-enter the negation command.

### **%CONFIG-E-NOSTARTUPCFG, No startup configuration file found; disabling all ports**

**Explanation:**

The system was unable to find a valid startup configuration file. When no startup configuration file exists, all ports default to an administratively “Down” state.

**Recommended Action:**

Check to see that a valid configuration file exists.

### **%CONFIG-E-NOSUBSTITUTE Cannot change options and negate the command at the same time; new command ignored...**

**Explanation:**

The user tried to make active a set of scratchpad changes that included both a negation and option changes for the same command.

**Recommended Action:**

Only the negation will take effect. Re-enter the command with the new option.

### **%CONFIG-E-NOSUCHFILE Unable to find configuration file: %s**

**Explanation:**

When entering the name of a config file, the user specified a file that does not exist.

**Recommended Action:**

Re-enter the command with the correct file name.

**%CONFIG-E-NOTFOUND Command number '<number>' not found****Explanation:**

The user is attempting to negate a command that does not exist.

**Recommended Action:**

Check to make sure the command number you specified is correct.

**%CONFIG-E-PORTS\_OVERLAP Port list in 'vlan add ports <port\_list> to <vlan\_name>' is overlapped with port list in 'vlan add ports <port\_list> to <vlan\_name>'****Explanation:**

When you save a command in transit config into active config, the X-Pedition router compares the command with the commands in active config to see if there is any port overlap between the port lists. If any commands of the same type have overlapping port lists, the router will not allow you to save the command into active config.

**For example:**

```
xp(config)# sh
Running system configuration:
!
! Last modified from Console on 2000-11-30 09:46:28
!
1 : vlan create vlan1 port-based id 10
2 : vlan add ports et.7.5 to vlan1
xp(config)# vlan add ports et.7.* to vlan1
xp(config)# save ac
%CONFIG-E-PORTS_OVERLAP, Port list in 'vlan add ports et.7.* to vlan1'
is overlapped with port list in 'vlan add ports et.7.5 to vlan1'
```

**Recommended Action:**

Modify the new command to remove the overlap or remove the existing command before you save the new one.

**%CONFIG-E-REL\_SEMA4 Unable to release %s semaphore: %d****Explanation:**

An internal error occurred when trying to access one of the configuration databases.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%CONFIG-E-SEARCH Search string ‘<string>’ not found**

**Explanation:**

The user is searching the active configuration for all commands with the specified search string. This message indicates that the search string does not appear in any of the commands in the active configuration.

**Recommended Action:**

Check to make sure that you entered the search string correctly.

## **%CONFIG-E-TOOLONG Command is too long, ignored...**

**Explanation:**

A command in the configuration file exceeds the maximum length of 256 characters. As a result, the command is ignored.

**Recommended Action:**

It is unlikely that a valid command can contain more than 256 characters. Check to make sure the command you entered is correct.

## **Fatal Error Messages**

### **%CONFIG-F-CREATE\_SEMA4 Unable to create %s semaphore: %d**

**Explanation:**

An internal error occurred when trying to create one of the configuration databases.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 14

## Console Error Messages

This chapter describes the error messages for the Console facility.

### Audit Messages

#### **%CONS-A-GRACE\_TIMEOUT, Serial console authentication grace period exceeded**

**Explanation:**

A serial console session timed-out while authenticating with the local system.

**Recommended Action:**

Security audit message. No action necessary.

#### **%CONS-A-LOGIN “Console user login”**

**Explanation:**

A login failure occurred because a user incorrectly entered userid/password information.

**Recommended Action:**

Security audit message. No action necessary.

## **%CONS-A-LOGOUT, Console user logout**

**Explanation:**

A user on the serial console logged out.

**Recommended Action:**

Security audit message. No action necessary.

## **Warning Messages**

### **%CONS-W-AUTH\_DENIED '<name>' server (<ipaddr>) access denied**

**Explanation:**

This message appears when the authentication server denies you login access. This could be because you entered the wrong password or your username is not recognized.

**Recommended Action:**

Retry with proper password.

### **%CONS-W-AUTH\_NONE '<name>' server fallback: (none)**

**Explanation:**

This message appears when the authentication server denies you login access and there is no fallback behavior configured.

**Recommended Action:**

Retry with proper password or configure a fallback behavior using the **last-resort** option.

### **%CONS-W-AUTH\_PASSWD '<name>' server fallback: (password)**

**Explanation:**

This message appears when the authentication server denies you login access but the fallback behavior is to verify your login access using the Enabled mode password.

**Recommended Action:**

Retry with proper password or do nothing.

## **%CONS-W-AUTH\_SUCCEED, contact TACACS+[or RADIUS] server failed: last-resort succeed**

### **Explanation:**

This message may appear for either of the following reasons:

1. The user did not allow the X-Pedition router enough time to boot properly. Although the console may display the “*Press RETURN to activate console...*” message, the router may still be bringing up interfaces or learning routes. If the AAA server's interface is not yet up, or the route has not yet been learned, the router may give up attempts to communicate with the server and go to last resort.
2. The **accounting system info** option for the AAA server was activated and the deadtime value is set. On boot-up, the X-Pedition router will attempt to send accounting messages to the AAA server; it will fail until the interface containing the router has come up. If the deadtime value is set, the AAA server will be flagged as dead and the router will skip over it and go to last-resort.

### **Recommended Action:**

- Give the X-Pedition router more time to boot-up (this may take longer with larger numbers of interfaces and/or more configuration).
- If the AAA server is connected to the router through multiple hops, attempt to bring the server closer to the router.
- Increase the retry count.
- If accounting system info is enabled, decrease the deadtime value.

**Note:** Until the system is fully booted, system messages will not be logged to the AAA server.

## **%CONS-W-BADPASSWD incorrect password**

### **Explanation:**

This message appears when you type in an incorrect password.

### **Recommended Action:**

Retry with proper password.

## Error Messages

### **%CONS-E-CONTROL\_TIMER, NU\_Control\_Timer failed with status -26**

**Explanation:**

This message appears when the X-Pedition router cannot disable a console timer. Often, this occurs when the timer is invalid or does not exist. This message appears when the router cannot disable a console timer (the router creates and releases software timers as you execute commands at the console). If the router cannot disable this timer, the worst that can happen is that a user session won't time out and disconnect the user. The router should continue to work correctly.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%CONS-E-CREATE\_TIMER, NU\_Create\_Timer failed with status -xx**

**Explanation:**

This message appears when the X-Pedition router cannot create a software timer for the console (the router creates and releases software timers as you execute commands at the console). If the router cannot create this timer, the worst that can happen is that a user session won't time out and disconnect the user. The router should continue to work correctly.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%CONS-E-DELETE\_TIMER, NU\_Delete\_Timer failed with status -26**

**Explanation:**

This message appears when the X-Pedition router cannot delete a software timer for the console because the timer doesn't exist (the router creates and releases software timers as you execute commands at the console). If the router cannot delete this timer, the worst that can happen is that a user session won't time out and disconnect the user. The router should continue to work correctly.

**Recommended Action:**

Contact Enterasys Technical Support.



## **%CONS-E-IOCTL ioctl failed with status <number>**

**Explanation:**

This message appears when the IOCTL resource failed.

**Recommended Action:**

System resources are limited. Upgrade with more memory. If problem persists, contact Enterasys Technical Support.

## **%CONS-E-LOGINFAIL console login failed**

**Explanation:**

This message appears when the console login failed.

**Recommended Action:**

Ensure you have the appropriate username and password.

## **%CONS-E-NOMEM processing error - insufficient memory**

**Explanation:**

This message appears when network load exceeds system capacity.

**Recommended Action:**

System resources are limited. Upgrade with more memory. If problem persists, contact Enterasys Technical Support.

## **%CONS-E-PWD2LONG password is longer than <number> characters**

**Explanation:**

This message appears when password length is too long.

**Recommended Action:**

Enter a shorter password.

## **%CONS-E-RESET\_TIMER, NU\_Reset\_Timer failed with status -26**

**Explanation:**

This message appears when the X-Pedition router is unable to refresh a console software timer (the router creates and releases software timers as you execute commands at the console). If the router cannot refresh this timer, the worst that can happen is that a user session won't time out and disconnect the user. The router should continue to work correctly.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 15

## DDT Error Messages

This chapter describes the error messages for the DDT facility.

### Informational Messages

#### **%DDT-I-SNAKE\_LOOPBACK %s Cascade Loopback: PASSED**

**Explanation:**

This message appears during the SNAKE LOOPBACK diagnostic test (a manufacturing diagnostic that loops or snakes messages through every ports in a system) to inform users that a particular port is bad or that the loopback connector is not attached.

**Recommended Action:**

Informational message only, no action necessary.

## Error Messages

### **%DDT-E-PKT\_STAT %s**

**Explanation:**

This message appears during the General Loopback Diagnostic test to inform users that the associated port is having trouble sending packets. Any of the following information will appear:

- Low Receive Frame count not updated
- Low Receive Bytes count doesn't match expected
- Medium Receive Frame count not updated
- Medium Receive Bytes count doesn't match expected
- High Receive Frame count not updated
- High Receive Bytes count doesn't match expected
- Control Receive Frame count not updated
- Control Receive Bytes count doesn't match expected

**Recommended Action:**

The port specified may be bad—replace the module with the bad port.

### **%DDT-E-SNAKE\_LOOPBACK %s Cascade Loopback: (Slot %i, Port %i) : FAILED**

**Explanation:**

This message appears during the SNAKE LOOPBACK diagnostic test (a manufacturing diagnostic that loops or snakes messages through every ports in a system) to inform users that a particular port is bad or that the loopback connector is not attached.

**Recommended Action:**

Check the loopback connector to ensure that it is connected properly. If the problem persists, replace the module with the bad port.

### **%DDT-E-SUNI\_CSR\_TEST: Mod-Phy SUNI CSR Test: FAILED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-SUNI\_CSR\_TEST: Mod-Phy SUNI CSR Test: PASSED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_CSR\_TEST: ToolShop CSR Test: FAILED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_CSR\_TEST: ToolShop CSR Test: PASSED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_END\_TEST: ToolShop En-Decap Memory Test: FAILED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_END\_TEST: ToolShop En-Decap Memory Test: PASSED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_SAR\_TEST: ToolShop SAR Buff Memory Test: FAILED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_SAR\_TEST: ToolShop SAR Buff Memory Test: PASSED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_TEST: ToolShop Test: PASSED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%DDT-E-TSHP\_TEST: ToolShop Test: FAILED**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 16

## DHCP Error Messages

This chapter describes the error messages for the Dynamic Host Configuration Protocol (DHCP) server.

### Informational Messages

#### **%DHCPD-I-DBEMPTY The DHCP lease database is empty**

**Explanation:**

There is no data in the lease database, as there are currently no address assignments.

**Recommended Action:**

Informational message. No action necessary.

#### **%DHCPD-I-DBFLUSHED DHCP lease database synchronized**

**Explanation:**

The DHCP server has updated its lease database.

**Recommended Action:**

Informational message. No action necessary.

## **%DHCPD-I-NOACTIVE There are no active leases**

**Explanation:**

There are no currently active leases.

**Recommended Action:**

Informational message only, no action necessary.

## **%DHCPD-I-NOAVAIL DHCP discover from <hardware address> on <subnet>: no free leases**

**Explanation:**

There are no free DHCP leases available on the subnet.

**Recommended Action:**

Informational message only, no action necessary.

## **%DHCPD-I-NOBINDING No binding found for the specified IP address**

**Explanation:**

No lease exists for the specified IP address.

**Recommended Action:**

Informational message. No action necessary.

## **%DHCPD-I-NOEXPIRED There are no expired leases**

**Explanation:**

There are no expired leases.

**Recommended Action:**

Informational message. No action necessary.

## **%DHCPD-I-NOSTATIC There are no static IP leases configured**

**Explanation:**

There are no leases with static IP address assignments.

**Recommended Action:**

Informational message. No action necessary.



## Warning Messages

**%DHCPD-W-ADDRCONFLICT DHCP pool addr *<ip\_address>* is also  
addr of interface *<interface\_name>***

**Explanation:**

The IP address of a DHCP pool entry is already defined for this interface.

**Recommended Action:**

Although DHCP will continue to function, the user should remove the IP address from the DHCP pool.



# Chapter 17

## DVMRP Error Messages

This chapter describes the error messages for the Distance Vector Multicast Routing Protocol (DVMRP) facility.

### Error Messages

**%DVMRP-E-BADADDRMASK address/mask %s does not map to 239.0.0.0/8 range**

**Explanation:**

This message is displayed when the scope for the DVMRP service on an interface is outside the 239.0.0.0/8 range.

**Recommended Action:**

Only use the locally administrative range, for example 239.0.0.0/8, as the scope for DVMRP service on an interface.

**%DVMRP-E-IFNOTFOUND <interface\_name>: no such interface address.**

**Explanation:**

This message is displayed when the specified interface or IP-address does not exist.

**Recommended Action:**

Verify interface and IP-address.

## **%DVMRP-E-L2\_ENABLED L2 IGMP Snooping enabled on vlan %s**

**Explanation:**

An attempt was made to enable layer 3 Multicasting on a VLAN that has Layer 2 IGMP snooping already enabled on it.

**Recommended Action:**

Both Layer 3 Multicasting and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove Layer 2 IGMP snooping before enabling Layer 3 Multicasting.

## **%DVMRP-E-NOSUCHTASK, DVMRP\_ROUTING task does not exist.**

**Explanation:**

You entered a DVMRP command, and DVMRP is not running.

**Recommended Action:**

To run DVMRP, use the **dvmrp start** command.

## **%DVMRP-E-OSPFCONFLICT Cannot start DVMRP with OSPF multicast enabled.**

**Explanation:**

DVMRP cannot be started when OSPF multicast is running.

**Recommended Action:**

Disable OSPF multicast and start DVMRP.

## **%DVMRP-E-PIMCONFLICT Cannot start DVMRP with PIM enabled.**

**Explanation:**

DVMRP and PIM cannot run simultaneously.

**Recommended Action:**

Stop PIM to run DVMRP.

**%DVMRP-E-TSKDELETED %s task has been deleted (flags=0x%x)**

**Explanation:**

DVMRP was closing when you attempted to execute a **dvmrp show** command.

**Recommended Action:**

No action necessary.



# Chapter 18

## ECC Error Messages

This chapter describes the error messages for the memory error-checking and correcting (ECC) facility.

### Fatal Messages

**%ECC-F-MBE ECC memory multi-bit error at address 0x<hex\_number>**

**Explanation:**

This message appears when the memory error-checking and correcting (ECC) mechanism detects a memory location with more than one bit in error. If the router detects a single-bit error, the ECC mechanism will correct the error automatically—if more than one bit is in error, it cannot be corrected.

**Recommended Action:**

If problem persists, the memory DIMM may be damaged or defective. Contact Enterasys Technical Support.

### **%ECCMEM-F-512MB\_JP2 Install jumper JP2 to run 512MB memory**

**Explanation:**

This message appears when 512MB of memory is installed in an ER16-CM4-256 and the jumper JP2 is missing. Support for 512MB of CPU memory on the ER16-CM4 requires that users install jumper JP2.

**Recommended Action:**

Install jumper JP2.

### **%ECCMEM-F-512MB\_JP1 Remove jumper JP1 to run 512MB memory**

**Explanation:**

This message appears when 512MB of memory is installed in an SSR-CM4-256 and the jumper JP1 is installed. Support for 512MB of CPU memory on the SSR-CM4-256 requires that users remove jumper JP1.

**Recommended Action:**

Remove jumper JP1.

### **%ECCMEM-F-LISRFAIL failed to register driver LISR, sts=0x<hex\_number>**

**Explanation:**

This message appears when the system fails to allocate resources for interrupt handling routines.

**Recommended Action:**

Increase the amount of memory available in the Control Module. If problem persists, contact Enterasys Technical Support.

### **%ECCMEM-F-NOHISMEM not enough memory to allocate ECC history**

**Explanation:**

This message appears when the system fails to allocate resources for tracking ECC history.

**Recommended Action:**

Increase the amount of memory available in the Control Module. If problem persists, contact Enterasys Technical Support.



# Chapter 19

## ERR Error Messages

This chapter describes error messages you may encounter that were designed for internal use only.

### Informational Messages

**%ERR-I-UNMAPDERR, unmapped system error number 'x'  
(Caller=0x81657890) Software Version: Ex.x.x.x**

**Explanation:**

While attempting to print one of the informational messages found in this manual an error was encountered. Because of the error the message could not be printed. The severity of this message matches the severity of the message that would have been printed.

**Recommended Action:**

Contact Enterasys Technical support with the full error message and your System Firmware version. An informational event occurred but an information definition is not available.

## Warning Messages

### **%ERR-W-SYSLOG\_MSG\_Q\_FULL, unsent message queue is full – the oldest x messages were deleted**

**Explanation:**

The number of unsent Syslog messages exceeded the maximum number allowed. The X-Pedition router deleted the oldest messages to make room for any new messages added to the queue. This process will repeat until the router is able to send the messages to the Syslog server. This message can also indicate a potential misconfiguration in the network that makes the syslog server unreachable.

**Recommended Action:**

Determine the status of the syslog server—if the server is reachable, the X-Pedition router will begin sending the messages shortly.

### **%ERR-W-UNMAPDERR, unmapped system error number 'x' (Caller=0x81657890) Software Version: Ex.x.x.x**

**Explanation:**

While attempting to print one of the warning messages found in this manual an error was encountered. Because of the error the message could not be printed. The severity of this message matches the severity of the message that would have been printed.

**Recommended Action:**

Contact Enterasys Technical support with the full error message and your System Firmware version An informational event occurred but an information definition is not available.

## Error Messages

### **%ERR-E-IVARGCNT, invalid argument count for error '%XXX-X-XXX'**

**Explanation:**

The number of parameters needed to print the error message didn't match the number supplied.

**Recommended Action:**

Contact Enterasys Technical support with the full error message and your system firmware version. Refer to the specific message listed for additional information.

## **%ERR-E-SYSLOG\_Q\_SEND\_FAIL, SysLog Queue send failed**

### **Explanation:**

While attempting to send a syslog message to the unsent message queue, the mechanism used to activate the send task failed. If the SYSLOG server is unreachable, error events may overrun the error log queue. This will cause this message to print repeatedly and may result in a CM failover.

### **Recommended Action:**

Contact Enterasys Technical support.

## **%ERR-E-SYSLOG\_TMR\_EXPIRED, Syslog timer expired without waking up the syslog task**

### **Explanation:**

A watchdog timer expired and an attempt to reschedule the syslog task failed. The X-Pedition router will send any messages remaining in the unsent message queue with the next error message it sends to the syslog server.

### **Recommended Action:**

Reboot the router. If the problem persists, contact Enterasys Technical Support.

## **%ERR-E-UNMAPDERR, unmapped system error number 'x' (Caller=0x81657890) Software Version: Ex.x.x.x**

### **Explanation:**

While attempting to print one of the error messages found in this manual an error was encountered. Because of the error the message could not be printed. The severity of this message matches the severity of the message that would have been printed.

### **Recommended Action:**

Contact Enterasys Technical support with the full error message and your System Firmware version. An informational event occurred but an information definition is not available.

## Fatal Messages

### **%ERR-F-UNMAPDERR, unmapped system error number 'x' (Caller=0x81657890)**

**Explanation:**

While attempting to print one of the fatal messages found in this manual an error was encountered. Because of the error the message could not be printed. The severity of this message matches the severity of the message that would have been printed.

**Recommended Action:**

Contact Enterasys Technical support with the full error message and your System Firmware version. An informational event occurred but an information definition is not available.

### **%ERR-F-IVARGCNT, invalid argument count for error '%XXX-X-XXX'**

**Explanation:**

The number of parameters needed to print this fatal message didn't match the number supplied.

**Recommended Action:**

Contact Enterasys Technical support with the full message and your system firmware version. Refer to the specific message listed for additional information.

## Unknown Messages

### **%ERR-U-UNMAPDERR, unmapped system error number 'x' (Caller=0x81657890) Software Version: Ex.x.x.x**

**Explanation:**

While attempting to print one of the unknown messages found in this manual an error was encountered. Because of the error the message could not be printed. The severity of this message matches the severity of the message that would have been printed.

**Recommended Action:**

Contact Enterasys Technical support with the full error message and your System Firmware version. An informational event occurred but an information definition is not available.

# Chapter 20

## 10Base-T Ethernet Driver Error Messages

This chapter describes the error messages for the 10Base-T Ethernet Driver facility.

### Informational Messages

**%ETH-I-MACADDR <name>: ethernet address <mac address>**

**Explanation:**

This message is displayed when the interface is being used on the indicated mac address.

**Recommended Action:**

None.

**%ETH-I-STARTINTF %s %d: interface started**

**Explanation:**

This message is displayed when the interface has been started.

**Recommended Action:**

None.

## **%ETH-I- STOPINTF %s%d: interface stopped**

**Explanation:**

This message is displayed when the interface has been stopped.

**Recommended Action:**

None.

## **Warning Messages**

### **%ETH-W-BADTRLOFF %s%d: bad trailer offset %d>=ETHERMTU**

**Explanation:**

Received packet with illegal header. Bad trailer encapsulation offset.

**Recommended Action:**

Utilize traffic diagnostic tools in order to locate the offending sender.

### **%ETH-W-BADTRLOFF1 %s%d: bad trailer, toff=%d tlen=%d plen=%d**

**Explanation:**

Received packet with illegal header. Bad trailer encapsulation header information.

**Recommended Action:**

Utilize traffic diagnostic tools in order to locate the offending sender.

### **%ETH-W-BIGFRAME <name> <number>: bad received packet length, <number> bytes**

**Explanation:**

Packet received off the network was larger than legal ethernet size.

**Recommended Action:**

Use packet sniffing tool to determine which host is sending illegal frames.

## **%ETH-W-QSENDFULL queue is full, sts=%d**

**Explanation:**

Received full queue message when trying to send buffer to diagnostics en0 queue during dec21143 diagnostics interrupt service routine.

**Recommended Action:**

Diagnose the amount of traffic utilizing the en0 port of the control module.

## **Error Messages**

## **%ETH-E-DIAGFAIL 10Base-T port failed internal diagnostics**

**Explanation:**

10Base-T port on Control Module failed diagnostics or initialization.

**Recommended Action:**

Replace the Control Module.

## **%ETH-E-DIAGQ Couldn't create DIAGNOSTIC Queue, sts=0x%x, qpтр=0x%x**

**Explanation:**

Couldn't create a queue for the diagnostics of the en0 port during startup.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%ETH-E-NOTFDS insufficient transmit buffers**

**Explanation:**

Insufficient transmit buffers in 10Base-T port.

**Recommended Action:**

This is mostly a transient error message and has no detrimental effect on the system. However, if the condition persists, contact Enterasys Technical Support.

## Fatal Errors

### **%ETH-F-HISRFAIL failed to create driver HISR, sts=<number>**

**Explanation:**

This is an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%ETH-F-INITFAIL 10Base-T ethernet failed initialization**

**Explanation:**

10Base-T port on Control Module failed diagnostics or initialization.

**Recommended Action:**

Replace the Control Module.

### **%ETH-F-LISRFAIL failed to register driver LISR, sts=<number>**

**Explanation:**

This is an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%ETH-F-QSENFFAIL failed to send on queue, sts=%d**

**Explanation:**

Failed to send buffer to diagnostics en0 queue during dec21143 diagnostics interrupt service routine.

**Recommended Action:**

Contact Enterasys Technical Support.



**%ETH-F-TOOMANYINTFS %d is too many interfaces to configure (max. %d)**

**Explanation:**

Too many ethernet units are attached. Cannot initialize ethernet during startup.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 21

## FDDI Error Messages

This chapter describes the error messages for the Fiber Distributed Data Interface (FDDI) facility.

### Informational Messages

#### **%FDDI-I-FW\_DATE Module *<mod\_id>* Firmware date *<date>***

**Explanation:**

This informational message displays information about the firmware on the on-board FDDI module processor. It is displayed each time the module is initialized.

**Recommended Action:**

None.

#### **%FDDI-I-FW\_DESC Module *<mod\_id>* Firmware description '*<string>*'**

**Explanation:**

This informational message displays information about the firmware on the on-board FDDI module processor. It is displayed each time the module is initialized.

**Recommended Action:**

None.

### **%FDDI-I-FW\_HOST Module <mod\_id> Firmware build host <hostname>**

**Explanation:**

This informational message displays information about the firmware on the on-board FDDI module processor. It is displayed each time the module is initialized.

**Recommended Action:**

None.

### **%FDDI-I-FW\_USER Module <mod\_id> Firmware build user <username>**

**Explanation:**

This informational message displays information about the firmware on the on-board FDDI module processor. It is displayed each time the module is initialized.

**Recommended Action:**

None.

### **%FDDI-I-MODULE\_MSG Module <mod\_id> Firmware version <string>**

**Explanation:**

This informational message displays the version for the firmware that executes on the on-board processor of the FDDI module. It will be displayed each time the module is initialized. This version is not the version of the firmware that executes on the X-Pedition router.

**Recommended Action:**

None.

## **Warning Messages**

### **%FDDI-W-AUTO\_FLASH Module <mod\_id> automatic flash update from <string> to <string>**

**Explanation:**

The on-board FDDI module processor gets its firmware from a flash. The firmware for this flash will be automatically updated if the main firmware image requires a different version.

**Recommended Action:**

None.

**%FDDI-W-AUTO\_YORK\_PROGRAM Module <mod\_id> automatic Yorktown FPGA update from <string> to <string>****Explanation:**

This message is displayed when the FPGA that converts FDDI frames to Ethernet frames is being loaded with a new program.

**Recommended Action:**

None

**%FDDI-W-REINIT\_MODULE Module <value> must be re-initialized****Explanation:**

This warning message usually occurs after a hot swap. It indicates that the FDDI module must be reinitialized. This message appears in conjunction with another message indicating an error condition that has reset the module.

**Recommended Action:**

Examine the error message previous to this message for the root cause of the reset.

## Error Messages

**%FDDI-E-BAD\_FLASH\_MAGIC Module <mod\_id> Invalid flash magic number ‘<number>’****Explanation:**

This error indicates that the firmware used by on-board FDDI processor does not have the correct signature.

**Recommended Action:**

This error can be resolved by loading new valid firmware.

**%FDDI-E-BAD\_FLASH\_SUM Module <mod\_id> Invalid flash checksum****Explanation:**

This error indicates that the firmware used by on-board FDDI processor does not have the correct checksum.

**Recommended Action:**

This error can be resolved by loading new valid firmware.

## **%FDDI-E-FDDI\_MODE SAS stations are not allowed to be in DAS/SAC mode**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

## **%FDDI-E-FLASH\_CORRUPTED Module < <mod\_id>> flash, <string> is corrupted**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

## **%FDDI-E-FLASH\_CRC Module < <mod\_id>> flash, <string> has bad CRC**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

## **%FDDI-E-FLASH\_ERASE Module < <mod\_id>> flash erase error**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

**%FDDI-E-FLASH\_NOT\_SREC Module <mod\_id> flash, <string> is not an SREC file**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

**%FDDI-E-FLASH\_PROGRAM Module < <mod\_id>> flash programming error**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

**%FDDI-E-FLASH\_SREC\_LOAD Module < <mod\_id>> flash, problem opening <string>**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

**%FDDI-E-FLASH\_VERIFY Module < <mod\_id>> flash verify error**

**Explanation:**

This error message occurs when the flash is being updated.

**Recommended Action:**

Repeat flash update.

### **%FDDI-E-HEARTBEAT\_LOST Module <mod\_id> lost heartbeat, fault = <value>**

**Explanation:**

This error message indicates that the X-Pedition processor has not received a heartbeat “I am alive” message from the on-board FDDI processor.

**Recommended Action:**

This is a recoverable error that will cause the module to be reinitialized.

### **%FDDI-E-INIT\_HUGHES Module <mod\_id> - Hughes FPGA not programmed**

**Explanation:**

This error message indicates that the FPGA that controls the FDDI module is not programmed, indicating a manufacturing error on the module.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%FDDI-E-INIT\_MODULE Module <mod\_id> not initialized**

**Explanation:**

This error message indicates that a particular FDDI module has not initialized properly. It will appear in conjunction with another message indicating the specific error that has occurred. Other functional FDDI modules will remain operational.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%FDDI-E-INIT\_SYSTEM Initialization failed, all FDDI modules unusable**

**Explanation:**

This error message indicates that the entire FDDI subsystem could not be initialized and that all FDDI modules will not be operational. This error is caused by a lack of system resources.

**Recommended Action:**

Contact Enterasys Technical Support.



**%FDDI-E-INIT\_TASK Task creation in '<string>' status <status\_id>****Explanation:**

This error indicates a task creation failure caused by a lack of system-level resources.

**Recommended Action:**

Contact Enterasys Technical Support.

**%FDDI-E-INIT\_TIMER Timer creation in '<string>' status <status\_id>****Explanation:**

This error indicates a timer creation failure caused by a lack of system-level resources.

**%FDDI-E-INIT\_YORK Module <mod\_id> - Yorktown FPGA not programmed****Explanation:**

This error message indicates that the FPGA that controls the translation of FDDI frames to Ethernet frames is not programmed, indicating a manufacturing error on the module.

**Recommended Action:**

Replace the module.

**%FDDI-E-IPC\_SEQUENCE IPC sequence on module <mod\_id>, expected <value>, received <value>****Explanation:**

This error message indicates that inter-processor communication (IPC) between the X-Pedition processor and the on-board FDDI processor has detected an inconsistency.

**Recommended Action:**

This is a recoverable error that will cause the module to be reinitialized. Monitor module reinitialization.

**%FDDI-E-MAC\_MA\_UNIT\_ENAB Set to ma unit data enable failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-MAC\_T\_REQ Set to treq failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-NO\_REPLY Module <mod\_id> did not reply to initialization, checkpoint = <value>, fault = <value>**

**Explanation:**

This error message indicates that the X-Pedition router requested the on-board FDDI processor to perform its system initialization but the processor did not complete its initialization. The checkpoint and fault values will indicate the partial completion or the detected error code for the on-board FDDI processor.

**Recommended Action:**

Contact Enterasys Technical Support.

**%FDDI-E-PATH\_MAX\_T\_REQ Set to max treq failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-PATH\_T\_MAX\_LB Set to tmax lower bound failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-PATH\_TVX\_LB Set to tvx lower bound failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-PORT\_LER\_ALARM Set to ler alarm failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-PORT\_LER\_CUTOFF Set to ler cutoff failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-POST\_FAIL Module <mod\_id> failed POST status = <status\_id>**

**Explanation:**

This error message indicates that the “power on self test” (POST) has detected an internal hardware failure on the FDDI module.

**Recommended Action:**

Contact Enterasys Technical Support.

**%FDDI-E-SMT\_CONN\_POL Set to connection policy failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-SMT\_STAT\_RPT\_POL Set to status reporting policy failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-SMT\_T\_NOTIFY Set to tnotify failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-SMT\_TRACE\_MAX\_EXP Set to trace max expiration failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-SMT\_USER\_DATA Set to userdata failed for port <port\_id>**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-TRANS\_APPLETALK\_ARP Appletalk ARP frames can only be translated to 802.3 Snap or Ethernet II frames**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

**%FDDI-E-TRANS\_IPX IPX Snap frames can only be translated to Ethernet II or 802.3 Raw IPX frames**

**Explanation:**

This error message is generated in response to user configuration errors.

**Recommended Action:**

Correct configuration error as indicated.

### **%FDDI-E-YORK\_FILE Module <mod\_id> Yorktown FPGA, problem opening <string>**

**Explanation:**

This error message indicates that an attempt to update the FPGA that controls the translation of FDDI to Ethernet frames has failed due to a failed file operation.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%FDDI-E-YORK\_PROGRAM Unable to update module <mod\_id> Yorktown FPGA from <string> to <string>**

**Explanation:**

This error message indicates that an attempt to update the FPGA that controls the translation of FDDI to Ethernet frames has failed due to a programming error on the FPGA.

**Recommended Action:**

Contact Enterasys Technical Support.

## **Fatal Messages**

### **%FDDI-F-IPC\_ADDR\_ALIGN IPC address out of alignment <value>**

**Explanation:**

This error indicates that the X-Pedition processor has made an invalid request to the on-board FDDI processor. This indicates an internal inconsistency within the X-Pedition firmware and will cause the entire X-Pedition router to reboot.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%FDDI\_F-IPC\_ADDR\_RANGE IPC address out of range <value>**

**Explanation:**

This error indicates that the X-Pedition processor has made an invalid request to the on-board FDDI processor. This indicates an internal inconsistency within the X-Pedition firmware and will cause the entire X-Pedition router to reboot.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%FDDI-F-IPC\_ARG IPC <string> bad arg <value> = <value>**

**Explanation:**

This error indicates that the X-Pedition processor has made an invalid request to the on-board FDDI processor. This indicates an internal inconsistency within the X-Pedition firmware and will cause the entire X-Pedition router to reboot.

**Recommended Action:**

Contact Enterasys Technical Support.





# Chapter 22

## GARP Error Messages

This chapter describes the error messages for the GARP facility.

### Informational Messages

**%GARP-I-APPSTCHNG Applicant state change: Port *<port>*, Attr Type: *<number>*, Attr Value: *<number>*, Event: *<event>*, Old State: *<old\_state>*, New State: *<new state>***

**Explanation:**

This message appears when GARP State Machines debugging has been turned on and there is an applicant state change.

**Recommended Action:**

Informational message. No action necessary.

**%GARP-I-REGSTCHNG Registrar state change: Port <port>, Attr Type: <number>, Attr Value: <number>, Event: <event>, Old State: <old\_state>, New State: <new\_state>**

**Explanation:**

This message appears when GARP State Machines debugging has been turned on and there is a registrar state change.

**Recommended Action:**

Informational message. No action necessary.

**%GARP-I-TIMER\_SET GARP timers set. Leaveall = <leaveall\_timer>, Join = <join\_timer> for <port\_list>.**

**Explanation:**

This message appears when the timers for GARP are set.

**Recommended Action:**

Informational message. No action necessary.

## Warning Messages

**%GARP-W-NOSTDEBUG Can not debug State Machines if Join Timer is less than <number>**

**Explanation:**

This error message appears when turning on GARP State Machines debugging and the join timer is less than number specified.

**Recommended Action:**

Change the join timer to the value specified.

## Error Messages

### **%GARP-E-BAD\_TIMERS Wrong GARP timer values. Timers should satisfy the following relationship: $\text{Leave} \geq \text{Join} * 3$ and $\text{LeaveAll} > \text{Leave}$**

**Explanation:**

This error message appears when the timer values specified are invalid.

**Recommended Action:**

Make sure the timer values satisfy the following relationship:  $\text{Leave} \geq \text{Join} * 3$  and  $\text{LeaveAll} > \text{Leave}$ .

### **%GARP-E-NOMEM No memory to send GARP PDU**

**Explanation:**

This error message appears when the X-Pedition router has run out of free memory.

**Recommended Action:**

Add more memory to the X-Pedition Control Module.

### **%GARP-E-XMTQFULL Cannot send GARP PDU, transmit queue is full**

**Explanation:**

This error message appears when GARP cannot send out a PDU because the transmit queue is full.

**Recommended Action:**

Reduce traffic to free up the transmit queue.



# Chapter 23

## GateD Global Error Messages

This chapter describes the error messages for the GateD Parent facility.

### Informational Messages

#### **%GATED-I-NOROUTE No route to destination**

**Explanation:**

The X-Pedition Routing Information Base does not have any route to the specified prefix.

**Recommended Action:**

Reenter the command with a different prefix.

#### **%GATED-I-RECONFIGDONE Reinitializing (pid 0x<hex\_number>) done at <number>**

**Explanation:**

This message displays the process ID and the time at which the X-Pedition routing process was reinitialized to handle any new configuration.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **%GATED-I-START Started (pid 0x<hex\_number>) on <name>**

**Explanation:**

This message displays the process ID and the time at which the X-Pedition routing process was initiated.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **Warning Messages**

### **%GATED-W-BADLOGIN GII login failed from %s**

**Explanation:**

Examine some of the tables maintained by the routing process using the GII utility. The X-Pedition Routing Process prints this message on the console when a user from a specific machine enters the GII password incorrectly three times.

**Recommended Action:**

In this case, ensure that no one is trying to access the router without proper authorization. If there is any possibility of someone trying to access the router in an unauthorized fashion, then the router-manager is advised to change the enabled password of the router.

## **Error Messages**

### **%GATED-E-ABORT Aborted (pid 0x<hex\_number>) at <number>**

**Explanation:**

This error message displays the specified process ID and the time at which this routing process was aborted.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-ADVNULL4IMPGAGGR Policy element null for implicit aggregate route**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CFGOPENFAIL GateD cannot open the configuration file.**

**Explanation:**

This error message is displayed when the X-Pedition routing process is unable to open its configuration file.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CFGPARSEERR GateD configuration file had parse errors.**

**Explanation:**

This error message is displayed when the X-Pedition routing process encounters errors/corruption in its configuration file.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CLNTCONFFAIL Cannot connect to console server (client <client\_id> error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a connection failure in one of its routing process display commands.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CLNTOPEFAIL Cannot open GateD console-client socket (error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a failure trying to open a socket in one of its routing process display commands.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CONSFDOPEFAIL Fdopen failed for console connection <number>**

**Explanation:**

This error message is displayed when the X-Pedition router fails to open a file mapped to the specified socket during its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-CONSREADFAIL Cannot read from console socket <socket\_id> (error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket read” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-DMIATTACHEDNULL DMI attached null for implicit aggregate route**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.



### **%GATED-E-DMIEXTAGGRMISMATCH DMI external 0x%x not equal to aggr\_adv 0x%x**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GATED-E-DSTMSKINSFAIL Explicit aggregate for network %s/%s exists. Implicit ignored**

**Explanation:**

This error message is displayed when the addition of an implicit aggregate route to a destination network fails because of the presence of an explicit aggregate to the same destination network. In this case the implicit aggregate route is ignored.

**Recommended Action:**

None.

### **%GATED-E-EXIT Exited (pid 0x<hex\_number>) at <number>**

**Explanation:**

This error message displays the process ID and the time at which the X-Pedition routing process failed (exited) due to internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GATED-E-FACADD error adding facility '<name>'**

**Explanation:**

System resources are limited and the GateD Parent system facility failed to initialize.

**Recommended Action:**

Increase system memory and if problem persists, contact Enterasys Technical Support.

## **%GATED-E-GET\_SEMA4 GateD cannot get link\_semaphore**

**Explanation:**

GATED was unable to obtain a semaphore. This semaphore protects a shared data structure between STP and GATED that passes link-state/VLAN information to the multicast portion of GATED.

**Recommended Action:**

Contact Enterasys Support.

## **%GATED-E-GIICHANGE Unable to schedule GII**

**Explanation:**

An error occurred in CLI command, enabling or disabling the GateD interactive interface (gii) port 616. This port should be enabled for debugging purposes only.

**Recommended Action:**

Verify format of the offending command.

## **%GATED-E-GIICLEANUP Failed to GII Socket**

**Explanation:**

GateD task shutdown occurring—cannot close task stream socket. An error may have occurred on the socket.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-ILLROUTERID Router id cannot be in the loopback network**

**Explanation:**

The IP address which is chosen to be the Router-ID of the router cannot be from the loopback network (127.0.0.0).

**Recommended Action:**

Enter an IP address belonging to the router which is not on the loopback network (127.0.0.0).

## **%GATED-E-IMPAGGREXISTS Implicit aggregate for network %s/%s exists. Explicit ignored**

**Explanation:**

This error message is displayed when the addition of an explicit aggregate route to a destination network fails because of the presence of an implicit aggregate to the same destination network. In this case the explicit aggregate route is ignored.

**Recommended Action:**

None.

## **%GATED-E-INVCONSSLOT Invalid console slot (<number>). Max <number>.**

**Explanation:**

This error message is displayed when the X-Pedition router experiences an internal error in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-INVMASK Mask specified is invalid.**

**Explanation:**

This message appears when you perform a **show gated** or **show BGP route** command. The mask found in the route table is invalid.

**Recommended Action:**

Verify that static and configured routes are represented correctly.

## **%GATED-E-IOCTLFAIL ioctl returned (<number>) for <number>**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket ioctl” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-MAXACTIVECONN Maximum active console connections  
<number> exceeded**

**Explanation:**

This error message is displayed when the user attempts to activate more than the maximum number of allowable console-client connections for the X-Pedition routing process.

**Recommended Action:**

Deactivate any unnecessary connections, then activate the new one.

**%GATED-E-NOAGGRGHEAD No aggregate head rt (0x%x) rth (0x%x)**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-NOAGGRGHEADPLCY No aggregate head rt (0x%x) rth  
(0x%x) policy elem (0x%x)**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-NOAGGRRADVDST No aggregate route in policy elem  
(0x%x) flag (0x%x)**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-NOAGGRRADVLIST No aggregate route in policy elem (0x%x) flag (0x%x)**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-NOAGGRROUTE No aggregate route in policy elem (0x%x) flag (0x%x)**

**Explanation:**

This error message is displayed when the X-Pedition routing process detects an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-NOSUCHTASK Task does not exist.**

**Explanation:**

This error message is displayed when the user instructs the X-Pedition routing process to perform an operation for which there is no corresponding sub-task.

**Recommended Action:**

Ensure that you have specified the appropriate task and/or that its syntax is correct.

**%GATED-E-NUMOFCCONNERR Numof active console connections mismatch (max <number> cur <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences an internal error in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-OPT2ADDRSPECFAIL Copy from option to addr spec failed.**

**Explanation:**

This message is displayed when there was an error while processing one of the CLI command parameters (possibly the “gateway” or “interface” parameter).

**Recommended Action:**

Try re-entering the command after verifying that the parameters are valid. If the problem persists, contact Enterasys Technical Support.

## **%GATED-E-REL\_SEMA4 GateD cannot release link\_semaphore**

**Explanation:**

GATED was unable to release a semaphore. This semaphore protects a shared data structure between STP and GATED that passes link-state/VLAN information to the multicast portion of GATED.

**Recommended Action:**

Contact Enterasys Support.

## **%GATED-E-SNMPEVTNOTIFY Error sending SNMP event (status=<number>)**

**Explanation:**

This message is displayed when an SNMP request to access GateD-related information failed.

**Recommended Action:**

Try performing the SNMP request again. If this message displays repeatedly, contact Enterasys Technical Support.

## **%GATED-E-SNMPIFINUSE Sntp interface is in use (action=<number>).**

**Explanation:**

This message is displayed because only 1 SNMP reader may access GateD's tables at a time.

**Recommended Action:**

Serialize SNMP requests to GateD's tables.

**%GATED-E-SNMPRSPNOTIFY Error sending SNMP response  
(status=<number>)**

**Explanation:**

This message is displayed when an SNMP request to access GateD-related information failed.

**Recommended Action:**

Try performing the SNMP request again. If this message displays repeatedly, contact Enterasys Technical Support.

**%GATED-E-SNMPTMO No SNMP response from Gated  
(status=<number>)**

**Explanation:**

This message is displayed when an SNMP request to access GateD-related information failed.

**Recommended Action:**

Try performing the SNMP request again. If this message displays repeatedly, contact Enterasys Technical Support.

**%GATED-E-SSOCKOPTFAIL Set socket option returned (<number>) for  
<number>**

**Explanation:**

This error message is displayed when the X-Pedition router fails to set a socket option in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-E-TSKDELETED Task (<name>, 0x<hex\_number>) is in  
deleted state (flags=0x<hex\_number>)**

**Explanation:**

This error message is displayed when the user instructs the X-Pedition routing process to perform an operation for which the corresponding sub-task is in the deleted state.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%GATED-E-WRITEFAIL Write socket returned (<number>) for <number>**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket write” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

## **Fatal Messages**

## **%GATED-F-ASSERTFAIL Assertion failed pid[0x<hex\_number>], file <name>, line <number>: <error>**

**Explanation:**

This fatal error message appears when an internal check fails in the X-Pedition routing process. A detailed analysis of the core file will be necessary to determine corrective action.

**Recommended Action:**

Contact Enterasys Technical Support and have the core file available to send to engineering.

## **%GATED-F-CONSACCEPTFAIL Cannot accept GateD console socket <number> (error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket accept” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.



**%GATED-F-CONSBINDFAIL Cannot bind GateD console socket  
<number> (error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket bind” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-F-CONSLISTENFAIL Cannot listen GateD console socket  
<number> (error = <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router experiences a “socket listen” operation failure in its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-F-CONSOPENFAIL Cannot open GateD console socket (error  
= <number>)**

**Explanation:**

This error message is displayed when the X-Pedition router fails to open the given socket during its routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GATED-F-DATAMALLOCFAIL Malloc failed for Gated data-section.**

**Explanation:**

This message is displayed when, during initialization, the GateD task could not successfully allocate the required memory.

**Recommended Action:**

Restart the system. If the problem persists, please call Enterasys Technical Support.

## **%GATED-F-NULLDATAPTR Saved data-section pointer is NULL.**

**Explanation:**

This message is displayed when the GateD task detected a memory corruption problem.

**Recommended Action:**

Restart the system. If the problem persists, please call Enterasys Technical Support.

# Chapter 24

## GVRP Error Messages

This chapter describes the error messages for the GVRP facility.

### Informational Messages

#### **%GVRP-I-DYN\_VLAN\_DISABLED Dynamic VLAN has been disabled**

**Explanation:**

This message appears when dynamic VLAN creation is disabled.

**Recommended Action:**

Informational message. No action necessary.

#### **%GVRP-I-DYN\_VLAN\_ENABLED Dynamic VLAN has been enabled**

**Explanation:**

This message appears when dynamic VLAN creation is enabled.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-PORT\_ADDED GVRP added port <port> to vlan (<vlan\_id>)**

**Explanation:**

This message appears when a port is added to a VLAN by GVRP.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-PORT\_REMOVED GVRP removed port <port> from vlan (<vlan\_id>)**

**Explanation:**

This message appears when a port is removed from a VLAN by GVRP.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-STARTED GVRP has been started**

**Explanation:**

This message appears when GVRP is started.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-STOPPED GVRP has been stopped**

**Explanation:**

This message appears when GVRP is stopped.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-VLAN\_CREATE GVRP Vlan Successfully Created (<vlan\_id>)**

**Explanation:**

This message appears when a VLAN is created by GVRP.

**Recommended Action:**

Informational message. No action necessary.

## **%GVRP-I-VLAN\_REMOVED GVRP Vlan Successfully Removed (<vlan\_id>)**

**Explanation:**

This message appears when a VLAN is removed by GVRP.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%GVRP-W-DYNAMIC\_VLAN GVRP cannot create Vlan (<vlan\_id>). Enable it via the CLI.**

**Explanation:**

This message appears when GVRP cannot create the VLAN.

**Recommended Action:**

Make sure dynamic VLAN creation is enabled via the CLI.

### **%GVRP-W-PORT\_FORBIDDEN Port <port> is forbidden from being added to vlan <vlan\_id>**

**Explanation:**

This message appears when GVRP tries to add a forbidden port to a VLAN.

**Recommended Action:**

No action necessary.

### **%GVRP-W-REG\_MODE GVRP can't set registrar mode on ports that are not gvrp enabled -- <port\_list>**

**Explanation:**

This message appears when the attempt is made to set the registrar mode on at least one port that is not GVRP enabled.

**Recommended Action:**

Enable GVRP on the ports that aren't already and set the registrar mode again.

**%GVRP-W-TRUNK\_PORT Port <port> must be a trunk port in order to add it to a vlan (<vlan\_id>)**

**Explanation:**

This message appears when GVRP tries to add an access port to a VLAN.

**Recommended Action:**

Change the specified port to a trunk port.

**%GVRP-W-VLAN\_ADD\_PORT GVRP could not add port <port> to vlan (<vlan\_id>)**

**Explanation**

This message appears when GVRP is not able to add port to vlan.

**Recommended Action**

Report to Technical Support.

**%GVRP-W-VLAN\_L4BDG GVRP tried to remove a Vlan that is L4 bridging enabled (<vlan\_id>)**

**Explanation:**

This message appears when GVRP tries to remove a VLAN that has L4 bridging enabled on it.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-W-VLAN\_NOTEXISTS GVRP tried to remove a non-existent Vlan (<vlan\_id>)**

**Explanation:**

This message appears when GVRP tries to remove a VLAN that does not exist.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-W-VLAN\_PORTS GVRP tried to remove a Vlan with ports still in the Vlan (<vlan\_id>)**

**Explanation**

This message appears when GVRP tries to remove a vlan that still has ports.

**Recommended Action**

Report to Technical Support.

### **%GVRP-W-VLAN\_REMOVE\_PORT GVRP could not remove port <port> from vlan (<vlan\_id>)**

**Explanation:**

This message appears when GVRP is not able to remove port from VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-W-VLAN\_STATIC GVRP tried to remove a statically created Vlan (<vlan\_id>)**

**Explanation**

This message appears when GVRP tries to remove a vlan that was statically created (not created by GVRP).

**Recommended Action**

Report to Technical Support.

## **Error Messages**

### **%GVRP-E-GET\_SEMA4 GVRP Failed to Acquire semaphore errorcode: <number>**

**Explanation:**

This message appears when GVRP fails to acquire a semaphore.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-E-PORT\_INVALID GVRP Error - Port *<port\_number>* is invalid**

**Explanation:**

This message appears when GVRP tries to add an invalid port to, or remove an invalid port from, a VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-E-REG\_MCAST GVRP Could not register the multicast address: 0180C2:000021 on port: *<port\_number>***

**Explanation:**

This message appears when GVRP fails to register the GVRP multicast address on specified port.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-E-REG\_MODE GVRP can't set registrar mode on ports that are not gvrp enabled -- *<port\_list>***

**Explanation:**

This message appears when the attempt is made to set the registrar mode on ports that are not GVRP enabled.

**Recommended Action:**

Enable GVRP on the ports and set the registrar mode again.

### **%GVRP-E-REL\_SEMA4 GVRP Failed to Release semaphore errorcode: *<number>***

**Explanation:**

This message appears when GVRP fails to release a semaphore.

**Recommended Action:**

Contact Enterasys Technical Support.



**%GVRP-E-UNREG\_MCAST Could not unregister the multicast address: 0180C2:000021 on port: <port\_number>**

**Explanation:**

This message appears when GVRP fails to unregister the GVRP multicast address on specified port.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-E-VLAN\_BOUND GVRP Error - Vlan bound to IP/IPX interface. Remove the interface first (<vlan\_id>)**

**Explanation:**

This message appears when GVRP attempts to remove a VLAN that is bound to an IP/IPX interface.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-E-VLAN\_CREATE\_ERROR GVRP Error occurred while trying to create Vlan (<vlan\_id>)**

**Explanation:**

This message appears when an error happens while GVRP is creating a vlan.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-E-VLAN\_REMOVE\_ERROR GVRP Error occurred while trying to remove Vlan (<vlan\_id>)**

**Explanation:**

This message appears when an error happens while GVRP is removing a VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

## Fatal Errors

**%GVRP-F-CREATE\_Q Failed to create GVRP queue: *<queue\_name>*  
errorcode: *<number>***

**Explanation:**

This message appears when there is an error creating the queue on which to receive GVRP packets.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-F-CREATE\_SEMA4 Failed to create GVRP semaphore:  
*<return\_code>***

**Explanation:**

This message appears when there is an error while creating the GVRP semaphore.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-F-CREATE\_TMR Failed to create GVRP Timer : *<return\_code>***

**Explanation:**

This message appears when there is an error while creating the GVRP timer.

**Recommended Action:**

Contact Enterasys Technical Support.

**%GVRP-F-REG\_GVRP Failed to register *<string>*, errorcode  
*<return\_code>***

**Explanation:**

This message appears when there is an error registering to receive GVRP PDUs.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-F-RESET\_TMR Failed to reset GVRP Timer : <return\_code>**

**Explanation:**

This message appears when there is an error while resetting the GVRP timer.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-F-START\_TMR Failed to start GVRP Timer : <return\_code>**

**Explanation:**

This message appears when there is an error while starting the GVRP timer.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%GVRP-F-STOP\_TMR Failed to stop GVRP Timer : <return\_code>**

**Explanation:**

This message appears when there is an error while stopping the GVRP timer.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 25

## HBT Error Messages

This chapter describes the error messages for the Control Module Heartbeat facility.

### Informational Messages

#### **%HBT-I-BACKUPALIVE, the Backup CM is now alive**

**Explanation:**

The Primary CM displays this message any time the Backup CM transitions from an offline state to an online state. This is likely to occur after a cold boot of a dual CM system when the Backup CM finishes booting after being reset by the Primary CM.

**Recommended Action:**

Informational message only, no action necessary.

#### **%HBT-I-COPYFILERCVD Received request to copy generic file**

**Explanation:**

The router received a heartbeat request message to copy a generic file from the Backup CM to the Primary CM.

**Recommended Action:**

Informational message only, no action necessary.

### **%HBT-I-MASTERCPUFAIL active <cm\_type> in slot <slot\_id> has failed**

**Explanation:**

Backup Control Module has detected a failure of the primary Control Module. Backup Control Module will assume primary role.

**Recommended Action:**

Replace failed Control Module.

### **%HBT-I-SYNCTIMERCVL, time synchronized to: %s**

**Explanation:**

This message is displayed on the backup control module when it receives a time-synchronization packet from the primary control module and sets the synchronized time. It will appear under one of the following situations: (1) The router is rebooted. (2) A backup control module is hot-swapped in. (3) The primary control module resets its time.

**Recommended Action:**

None.

## **Warning Messages**

### **%HBT-W-BACKUPFAILURE backup CM in slot <slot\_id> is not operating**

**Explanation:**

A backup Control Module has been detected, but it is not functioning properly.

**Recommended Action:**

Replace indicated Control Module.

### **%HBT-W-DIFFDRAM DRAM configurations between redundant <cm\_type> differs (primary = <mem\_size>, backup = <mem\_size>)**

**Explanation:**

The amount of CPU memory differs between the primary and backup Control Modules.

**Recommended Action:**

Ensure that both Control Modules have the same amount of CPU memory.

**%HBT-W-DIFFNETMEM Network memory between redundant  
<cm\_type> differs (primary = <mem\_size>, backup = <mem\_size>)****Explanation:**

There are incompatible versions of the primary and backup Control Modules or one Control Module has a fault.

**Recommended Action:**

Install compatible versions of primary and backup Control Modules.

**%HBT-W-HBTTAKEOVER Taking over mastership from peer CM.****Explanation:**

Backup control module is asked to become master by the master CM because of some fatal error on the master CM.

**Recommended Action:**

Check old master control module.

**%HBT-W-INCONSISMAC Inconsistent count of system MACS between  
redundant <cm\_type> differs (primary = <num\_MACS>, backup =  
<num\_MACS>)****Explanation:**

Primary and backup Control Modules have incompatible software versions.

**Recommended Action:**

Install compatible versions of primary and backup Control Modules.

**%HBT-W-INVLDMSG Invalid message received from client port  
<port\_id>, on channel <channel\_id>****Explanation:**

Invalid Heartbeat message received from backup Control Module.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

**%HBT-W-INVLDSRC Invalid source address <src\_addr> attempting to connect to service port**

**Explanation:**

A message was received from an invalid source.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

**%HBT-W-INVLDSRVC Invalid service request <rqst\_id>, from client port <port\_id>, on channel <channel\_id>**

**Explanation:**

Invalid service request received.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

**%HBT-W-SYNCINPROG database update currently in progress - please try again**

**Explanation:**

The primary Control Module is currently transferring data to the backup Control Module.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

**%HBT-W-VERSMISMATCH HBT message version mismatch (primary = <ver\_id>, backup = <ver\_id>)**

**Explanation:**

This message is displayed when the backup control module is running a different software version than the primary control module.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.



## Error Messages

### **%HBT-E-BADPKT bad HBT message from physical port <port\_id>**

**Explanation:**

A message was received with an incorrect message ID (e.g., an Ethernet packet with ethertype 0xdada which is used for internal heartbeat messages).

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

### **%HBT-E-CFGRCVERR incorrect configuration file lengths, expected <value>, actual <value>**

**Explanation:**

A message was received that was shorter than the expected length.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

### **%HBT-E-HBTLOOPED HBT message mistakenly looped back on slot <slot\_id>**

**Explanation:**

Transmitted message looped back to source Control Module.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

### **%HBT-E-MODULEFAILED - The <string> module in slot <number> failed and is being hotswapped out.**

**Explanation:**

Multiple attempts by system software to contact the module in the slot indicated have failed.

**Recommended Action:**

Attempt to restart the module. If problems persist, contact Enterasys Technical Support.

### **%HBT-E-MODULERESTART - The <string> module in slot <number> failed and is being restarted.**

**Explanation:**

The module indicated is being restarted by system software after missing its regular heartbeat.

**Recommended Action:**

Monitor that the module restarts. If the problem persists, contact Enterasys Technical Support.

### **%HBT-E-MODULERESTARTFAIL - Could not restart the <string> module in slot <number>.**

**Explanation:**

The module indicated could not be restarted by system software.

**Recommended Action:**

Attempt to restart the module. If problems persist, contact Enterasys Technical Support.

### **%HBT-E-NONBUF unable to get network transmit buffer**

**Explanation:**

No transmit buffers are available.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message displays repeatedly, contact Enterasys Technical Support.

### **%HBT-E-SETTIME, setting of synchronized time failed**

**Explanation:**

This message is displayed on the backup control module when it fails to set the synchronized time after receiving a time-synchronization packet from the primary control module.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%HBT-E-UNKNWNMSG unknown HBT message <msg>**

**Explanation:**

An unknown message was received.

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

### **%HBT-E-XMTQFULL unable to send frame xmit queue full**

**Explanation:**

The Control Module is unable to send messages to other Control Module(s).

**Recommended Action:**

A single occurrence of this message has no detrimental effect on the system. If this message is displayed repeatedly, contact Enterasys Technical Support.

## **Fatal Errors**

### **%HBT-F-BADSYSID inconsistent system types <sys\_id> and <sys\_id>**

**Explanation:**

The primary and backup Control Modules report different system IDs.

**Recommended Action:**

Replace a Control Module. If problem persists, contact Enterasys Technical Support.

### **%HBT-F-CREATEQ error creating <q\_id> queue, error = <error\_id>**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.

**%HBT-F-ETYPereg error registering special ether type, error = <error\_id>**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.

**%HBT-F-EVENTWAIT Event wait failed, error = <error\_id>**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.

**%HBT-F-MULTIMASTERS both <cm\_type>(s) attempting to be primary controllers**

**Explanation:**

More than one Control Module is operating as the primary controller.

**Recommended Action:**

Contact Enterasys Technical Support.

**%HBT-F-MULTISECONDARY both <cm\_type>(s) reverted to backup controller status**

**Explanation:**

All Control Modules are configured as backup controllers.

**Recommended Action:**

Contact Enterasys Technical Support.

**%HBT-F-TIMER error creating <timer\_id> timer, error = <error\_id>**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.

**%HBT-F-TMRSTARTFAIL failed to start timer <timer\_id>, error = <error\_id>**

**Explanation:**

This message appears when an internal error has occurred.

**Recommended Action:**

Reinstall the system software image. If problem persists, contact Enterasys Technical Support.



# Chapter 26

## IGMP Error Messages

This chapter describes the error messages for the Internet Group Membership Protocol (IGMP) facility.

### Informational Messages

#### **%IGMP-I-SNOOP\_STARTED Igmp L2 Snooping Started**

**Explanation:**

This message is displayed when Layer 2 IGMP Snooping service is started.

**Recommended Action:**

Informational message. No action necessary.

#### **%IGMP-I-SNOOP\_STOPPED Igmp L2 Snooping Stopped**

**Explanation:**

This message is displayed when Layer 2 IGMP Snooping service is stopped.

**Recommended Action:**

Informational message. No action necessary.

## Warning Messages

### **%IGMP-W-RESP\_TIME\_ADJUSTED IGMP responsetime adjusted to <number>**

**Explanation:**

This message appears when the query interval is set to a value smaller than the response time. In this case, the response time is automatically reduced.

**Recommended Action:**

Verify the response time value.

## Error Messages

### **%IGMP-E-DVMRP\_ENABLED DVMRP enabled on vlan <name>**

**Explanation:**

An attempt was made to enable Layer 2 IGMP snooping on a VLAN that has DVMRP already enabled on it.

**Recommended Action:**

Both DVMRP and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove DVMRP before enabling Layer 2 IGMP snooping.

### **%IGMP-E-IFEXISTS, Interface already exists.**

**Explanation:**

You attempted to add an interface to IGMP that was already added.

**Recommended Action:**

No action necessary.



**%IGMP-E-IFNOTFOUND, IGMP not enabled on interface <interface-name>.**

**Explanation:**

You attempted to do something to a non-existent IGMP interface, such as delete a non-existent interface.

**Recommended Action:**

No action necessary.

**%IGMP-E-IFOVFL, No memory for creating interface.**

**Explanation:**

There is not enough memory remaining to configure the interface for IGMP, or to perform a static join operation.

**Recommended Action:**

Disable features not in use and try again.

**%IGMP-E-INV\_VLAN <name> is not found**

**Explanation:**

An attempt was made to set IGMP parameters on an invalid VLAN.

**Recommended Action:**

Verify specified VLAN.

**%IGMP-E-IP\_VLAN <name> is not an IP vlan**

**Explanation:**

An attempt was made to set IGMP parameters on a non-IP VLAN.

**Recommended Action:**

Only specify an IP VLAN for Layer 2 IGMP snooping.

## **%IGMP-E-L2\_ENABLED L2 IGMP Snooping enabled on vlan <name>**

**Explanation:**

An attempt was made to enable Layer 3 Multicasting on a VLAN that has Layer 2 IGMP snooping already enabled on it.

**Recommended Action:**

Both Layer 3 Multicasting and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove Layer 2 IGMP snooping before enabling Layer 3 Multicasting.

## **%IGMP-E-L3\_ENABLED Multicast Routing enabled on vlan <name>**

**Explanation:**

An attempt was made to enable Layer 2 IGMP snooping on a VLAN that has Multicasting routing already enabled on it.

**Recommended Action:**

Both Layer 3 Multicasting and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove Layer 3 Multicasting before enabling Layer 2 IGMP snooping.

## **%IGMP-E-NOSUCHTASK IGMP task does not exist.**

**Explanation:**

You attempted to execute an **igmp show** command when IGMP was not running.

**Recommended Action:**

No action necessary.

## **%IGMP-E-OBJMISS IGMP object to be displayed must be specified**

**Explanation:**

Insufficient information was provided while executing the **igmp show** CLI command.

**Recommended Action:**

Choose a valid option while executing the **igmp show** command.

## **%IGMP-E-OVERLAP L2 IGMP %s Invalid Ports %s**

**Explanation:**

An attempt was made to set Layer 2 IGMP snooping parameters on a VLAN when there are conflicts between the ports in the VLAN and other configuration options. The configuration conflict is explained in the message.

**Recommended Action:**

Remove the conflicting configuration before setting the Layer 2 IGMP option.

## **%IGMP-E-PIM\_ENABLED PIM enabled on vlan <name>**

**Explanation:**

An attempt was made to enable Layer 2 IGMP Snooping on a VLAN that has PIM already enabled on it.

**Recommended Action:**

Both PIM and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove PIM before enabling Layer 2 IGMP snooping.

## **%IGMP-E-TSKDELETED, IGMP task has been deleted**

**Explanation:**

You attempted to execute an **igmp show** command after the IGMP task was deleted.

**Recommended Action:**

No action necessary.



# Chapter 27

## Interface Configuration Error Messages

This chapter describes the error messages for the Interface Configuration facility.

### Informational Messages

**%INTERFACE-I-CREATEDIF Interface *<interface\_name>* was successfully created.**

**Explanation:**

This message is displayed when an interface has been successfully created by the “interface create” command.

**Recommended Action:**

Informational Message. No action necessary.

**%INTERFACE-I-REMOVEDIF Interface <interface\_name> was successfully removed.**

**Explanation:**

This message is displayed when the negation of an “interface create” command has completed successfully.

**Recommended Action:**

Informational Message. No action necessary.

**%INTERFACE-I-REMOVINGIF Removing interface <interface\_name>. Please wait.**

**Explanation:**

This message is displayed when the user has negated an **interface create** command. This may take some time to complete. Upon completion, another message is displayed to let the user know that the negation has completed.

**Recommended Action:**

Informational Message. No action necessary.

**%INTERFACE-I-WAN\_PPP\_BCAST\_ASSUMED The interface <interface\_name> was marked as Broadcast.**

**Explanation:**

A broadcast 13 interface is created for this PPP port.

**Recommended Action:**

None.

**%INTERFACE-I-WANFAIL Creating interface <interface\_name> failed, starting clean-up.**

**Explanation:**

This message is displayed when the user has attempted to create a WAN interface but the command was unsuccessful.

**Recommended Action:**

Informational Message. No action necessary.

## Warning Messages

**%INTERFACE-W-ATM\_VLAN\_EXIST command for port <port-name> failed since it is already on vlan <vlan-id>.**

**Explanation:**

The vlan add port command failed because a VLAN is already assigned to the non-trunk ATM port.

**Recommended Action:**

Make sure that another VLAN is not assigned to the ATM port.

**%INTERFACE-W-IFCONFIG6 Error occurred during ifconfig6\_main: <warning message>**

**Explanation:**

This is an internal error that indicates an unexpected condition occurred during configuration or display of an IPv6 interface. Generally these messages will not prevent the command from succeeding.

**Recommended Action:**

Report specific warning message to Enterasys Technical Support, particularly if more severe errors occur as a result.

**%INTERFACE-W-WAN\_CREATE\_FAILED interface create failed**

**Explanation:**

Can not create 13 interface on the WAN card port.

**Recommended Action:**

Check for additional error messages.

**%INTERFACE-W-WAN\_NEGATE\_FAILED interface negation failed**

**Explanation:**

Negation failed on the WAN card ports.

**Recommended Action:**

Check for additional error messages.

**%INTERFACE-W-WAN\_PPP\_BCAST\_IGNORED** The interface *<interface\_name>* was marked as Point-to-Point. The broadcast address specified was ignored.

**Explanation:**

The Broadcast address option for the **interface create** command was ignored since it is a Point-to-Point interface.

**Recommended Action:**

None.

**%INTERFACE-W-WAN\_VLAN\_EXIST** command for port *<port-name>* failed since it is already on vlan *<vlan-name>*.

**Explanation:**

The **vlan add port** or **interface create** command failed because a VLAN is already assigned to the non-trunk WAN card PPP ports for Frame Relay VCS.

**Recommended Action:**

Make sure that the WAN card port is not another VLAN.

**%INTERFACE-W-ZEROPORTSINIF** The VLAN *<vlan-name>*, which is being bound to interface *<interface-name>*, has no ports in it.

**Explanation:**

There are no ports in the VLAN on which an interface is configured.

**Recommended Action:**

Make sure there is at least one port in the VLAN on which an interface is configured.



## Error Messages

### **%INTERFACE-E-2ND\_LINKLOCAL Cannot configure a second link-local address on an interface.**

**Explanation:**

User attempted to add a link-local address to an IPv6 interface. Only one link-local address is allowed, and that link-local is either specified by the user or automatically generated during interface creation.

**Recommended Action:**

Only add global addresses to an IPv6 interface.

### **%INTERFACE-E-ACLATTACHED An ACL is attached to this interface. Please detach ACL '<ACL\_name>' from interface '<interface\_name>' first.**

**Explanation:**

This message is displayed when the user is trying to delete an interface which has an ACL bound to it.

**Recommended Action:**

Negate the ACL first, before negating the interface.

### **%INTERFACE-E-ADDR\_IN\_EXISTING\_SUBNET The address <address> being configured on interface <interface\_name> belongs to a subnet which has already been configured on interface<interface-name>.**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-ALIASATTACHED, The interface '<name>' has an associated SNMP ifAlias. The ifAlias must be removed before removing the interface.**

**Explanation:**

This error will occur when attempting to negate an **interface create** command for an interface that has been assigned an alias via the **snmp set if-alias** command.

**Recommended Action:**

Negate the **snmp set if-alias** command before negating the **interface create** command.

**%INTERFACE-E-APS\_PORTINVLAN "The port must only belong to the default vlan (vlan id is 1) in order for it to be configured as a Protecting port."**

**Explanation:**

The user tried to configure the port as a protecting port, but that same port was previously added to one or more VLANs.

**Recommended Action:**

Remove the port from all but the default VLAN before configuring it as a protecting port.

**%INTERFACE-E-APS\_PROTECTINGPORT Port <port-name> has been configured as an APS Protecting port.**

**Explanation:**

This message is displayed when the port is already configured as a Protection port for APS.

**Recommended Action:**

Specify a non-protecting port or use the *vlan* option.

**%INTERFACE-E-ARPKEEPTIMECONFIGURED ARP keep time is configured on this interface. Please remove it from interface '%s' first.**

**Explanation:**

An attempt was made to remove an interface from the configuration while the ARP keep-time was still configured on that interface.

**Recommended Action:**

Remove the ARP keep-time command configured on that interface, then remove the interface.

**%INTERFACE-E-BAD\_ANYCAST Failed to add anycast address for interface <interface name>.**

**Explanation:**

The software failed to successfully create the subnet-router anycast address related to an **interface create ipv6** or **interface add ipv6** command.

**Recommended Action:**

Try negating the create or add command that caused the error, then entering the command again. If the error message persists, the problem should be reported. The lack of a subnet-router anycast address should not have an adverse effect on system operation.

**%INTERFACE-E-BADATMMUX Only one protocol can be configured over a VC with encap type of vc-mux. Please check the port encap type and try again.**

**Explanation:**

An ATM VC with encap type vc-mux sends no protocol information over the wire. Because the protocol is determined from the VC, only IP or IPX can be configured over a vlan or port that contains an ATM VC in vc-mux encap mode. This error appears when you attempt to add a second protocol with the interface create command. If the port or vlan contains any ATM VCs with an encap type of vc-mux, the interface command fails.

**Recommended Action:**

Check the port encap type and try again.

**%INTERFACE-E-BADGIFMTU The specified MTU - <mtu value> - is too large for a tunnel interface. Use a smaller MTU value.**

**Explanation:**

The MTU specified for the IPv6 tunnel interface is too large.

**Recommended Action:**

Use a smaller MTU value.

**%INTERFACE-E-BADHOSTADDRESS: Host portion of address <ipv6 address> is 0, please enter a valid address.**

**Explanation:**

The host portion of the address specified by the address-prefix option in an **interface create ipv6** or **interface add ipv6** command has a value of zero.

**Recommended Action:**

IPv6 addresses are specified with a prefix length, or else default to /64 (port-based interface) or /128 (tunnel-based interface). The prefix length determines how many high-order bits in the address are interpreted as the network address. The remaining low-order bits are the specific host address on the network. Make sure the host address is a non-zero value or the address will not be accepted.

**%INTERFACE-E-BADIFTYPE Interface <interface\_name>: Point-to-Point interface type can only be specified for interfaces defined over PPP ports.**

**Explanation:**

This message is displayed when the type of interface cannot be created on the specified ports.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-BADIPV6MTU The specified MTU - <mtu value> - is too large for an IPv6 interface. Use a smaller MTU value.**

**Explanation:**

The MTU specified for the IPv6 Ethernet interface is too large.

**Recommended Action:**

Use a smaller MTU value.

**%INTERFACE-E-BADMTU** The specified MTU - %d – of this interface is too large. Either use a smaller MTU value or, if supported, increase the MTU of each physical port associated with this interface using the ‘port set [port] mtu’ command. In the case of an interface assigned to a VLAN or SmartTRUNK, the largest allowable MTU for the interface is the smallest MTU of the physical ports associated with the particular VLAN or SmartTRUNK.

**Explanation:**

The MTU value for this particular interface is too large.

**Recommended Action:**

Specify a smaller MTU value and try again.

**%INTERFACE-E-BADPORT** The specified port - port number <number> - is illegal. Please check the port name and try again.

**Explanation:**

This error message should not appear.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-BADTUNPREFIX** Tunnel interface <interface name> must have an address prefix of 128.

**Explanation:**

A prefix value other than 128 was used when specifying the address-prefix of a tunnel interface.

**Recommended Action:**

When specifying a tunnel’s address-prefix, use the prefix value /128, or do not specify a prefix (the default is 128).

**%INTERFACE-E-BADVC Only one vc can be applied to interface command. Please check the port name and try again.**

**Explanation:**

This message is displayed when the user has specified a VC to be applied to an interface when a VC is already applied to the interface.

**Recommended Action:**

Verify the port name.

**%INTERFACE-E-BADVLAN The specified VLAN -<VLAN\_name> - does not exist. Please check the name of the VLAN and try again.**

**Explanation:**

This message is displayed when the user has specified a VLAN that does not exist, in the **interface create** command.

**Recommended Action:**

Check the name of the VLAN to make sure that it is the name of an existing VLAN. If the VLAN to be used for this interface does not exist, first create the VLAN before creating an interface bound to the VLAN.

**%INTERFACE-E-BCAST0HOST Invalid IP address - address <IP\_address> is a broadcast address.**

**Explanation:**

This message is displayed when the user is trying to configure an interface with an address which is a broadcast address with zeroes for the “host” part of the address. This is not allowed.

**Recommended Action:**

Specify a unicast IP address when creating an interface or adding an IP address to it.

**%INTERFACE-E-BCAST1HOST Invalid IP address - address <IP\_address> is a broadcast address.**

**Explanation:**

This message is displayed when the user is trying to configure an interface with an address which is a broadcast address with ones for the “host” part of the address. This is not allowed.

**Recommended Action:**

Specify a unicast IP address when creating an interface or adding an IP address to it.

**%INTERFACE-E-CACHEATTACHED A web-cache is attached to this interface.**

**Explanation:**

This message is displayed when the interface is web-cache-defined and cannot be removed without detaching the web-cache first.

**Recommended Action:**

Detach the web-cache defined on the interface before removing the interface itself.

**%INTERFACE-E-CANNOTBRINGUP Interface <interface\_name> has not been configured with any IP or IPX addresses. Please configure it before bringing it up.**

**Explanation:**

This message is displayed when the user is trying to bring an interface up using the **interface up** command, but the interface has not been configured with an IP address.

**Recommended Action:**

Configure the interface before bringing it up.

**%INTERFACE-E-CANNOTNEGATE Interface <interface\_name> cannot be negated because addresses have been configured for it using “interface add” commands. Please negate the appropriate “interface add” commands before negating the “interface create” command.**

**Explanation:**

The user attempted to negate an interface to which IP addresses have been added using the **interface add ip** command.

**Recommended Action:**

The **interface add ip** commands must be negated before the **interface create** command can be negated.

**%INTERFACE-E-CANTCREATEIF Unknown error creating interface  
<interface\_name>!**

**Explanation:**

This message is displayed when an internal error occurred while creating an interface.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-CMD <command\_name> expected an argument, didn't  
get one**

**Explanation:**

This message is displayed when <command\_name> expected an argument, but didn't get one.

**Recommended Action:**

Contact Enterasys Technical Support for information about this message.

**%INTERFACE-E-DIFFSUBNET local address (<IP\_address>) and peer  
address (<IP\_address>) are not on the same subnet.**

**Explanation:**

This message is displayed when the local address and the remote (peer) address of a WAN IP interface do not belong to the same subnet.

**Recommended Action:**

Ensure that both the local and peer IP addresses belong to the same subnet.

**%INTERFACE-E-EUI64\_PREFIX\_TOO\_LONG Prefix is too long to be  
specified with eui64 option.**

**Explanation:**

User specified a prefix greater than 64 when also specifying eui64. The low-order 64 bits must be zero in order to compute the eui64 address.

**Recommended Action:**

Specify a prefix of 64 or less.



**%INTERFACE-E-EUIANDPORTDOWN An EUI address cannot be created on interface *<interface name>* with the port disabled.**

**Explanation:**

The link-local address of the interface is needed in order to compute the requested eui address. Since the port is disabled, the link-local address is not available.

**Recommended Action:**

Enable the port. The command should now succeed.

**%INTERFACE-E-EXISTS Interface *<interface\_name>* has already been created. Please use another name for the interface.**

**Explanation:**

This message is displayed when the user is attempting to create an interface with a name which is already being used by another interface.

**Recommended Action:**

Use another name for the interface being created.

**%INTERFACE-E-IFNONE No IP interfaces found.**

**Explanation:**

This message is displayed when the user is trying to display information for all interfaces of a particular type, but no interfaces matching the request were found.

**Recommended Action:**

None.

**%INTERFACE-E-IFNOTIP An IP address cannot be configured on interface *<interface\_name>* because the interface does not support IP.**

**Explanation:**

This message is displayed when the user is attempting to configure an IP (IPX) address on an interface that does not support IP (IPX).

**Recommended Action:**

Create another interface that supports the required protocol and then configure it with the address.

**%INTERFACE-E-IFVLANEXISTS** There is already an *<interface\_type>* interface called *<interface\_name>* on VLAN *<VLAN\_name>*. A VLAN can be bound to only one L3 interface for each protocol.

**Explanation:**

This message is displayed when the user attempts to create an IP/IPX interface on a VLAN that already has an IP/IPX interface association. As the message text states, only one L3 interface can be associated with a VLAN for each type of protocol.

**Recommended Action:**

Specify a different interface type/name for the given VLAN.

**%INTERFACE-E-INVALIDATES\_EXISTING\_ADDR** An existing address *<address>* on interface *<interface\_name>* matches the subnet of the address-netmask (%s/%s) of the interface *<interface\_name>* being created.

**Explanation:**

This message is displayed when the software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-INVALIDIFNAME** The name *<interface\_name>* is not allowed for interfaces. Please use another name.

**Explanation:**

This message is displayed when the user attempts to create an interface with an invalid name. The interface names “en”, “lo”, “en0”, and “lo0” are reserved names.

**Recommended Action:**

Choose a correct interface name.

**%INTERFACE-E-INVALIDNETMASK The netmask *<netmask>* is an invalid netmask.**

**Explanation:**

This message is displayed when the subnet mask entered for the interface is invalid.

**Recommended Action:**

Make sure the subnet mask is valid.

**%INTERFACE-E-IPADDREXISTS The IP address *<IP\_address>* is already configured on interface *<interface\_name>*.**

**Explanation:**

This message is displayed when the user is trying to configure the same address twice on the system. This is not allowed.

**Recommended Action:**

Remove the command which generated this error from the configuration.

**%INTERFACE-E-IPREDATTACHED Attempting to config IP address *<IP\_address>* which is currently in use by a virtual-router on interface *<interface\_name>*.**

**Explanation:**

This message is displayed when the user attempts to add or remove an IP address to or from an interface that is currently serving as part of a VRRP virtual router. Executing this command would leave the router in an “inconsistent” state.

**Recommended Action:**

Remove the IP address from the VRRP router and then add or remove the IP address as before.

**%INTERFACE-E-IPV4COMPATIBLE Cannot configure ipv4-compatible address on an interface.**

**Explanation:**

User attempted to configure an ipv4-compatible address on an IPv6 interface. This is not supported.

**Recommended Action:**

Use a valid IPv6 address.

**%INTERFACE-E-IPV4MAPPED Cannot configure ipv4-mapped address on an interface.**

**Explanation:**

User attempted to configure an ipv4-mapped address on an IPv6 interface. This is not supported.

**Recommended Action:**

Use a valid IPv6 address.

**%INTERFACE-E-IPV6\_ETHERNETONLY Interface *<interface name>*: IPv6 interfaces are only supported on Ethernet ports**

**Explanation:**

User attempted to configure an IPv6 address on a non-Ethernet port.

**Recommended Action:**

This action will not succeed. IPv6 is only supported on Ethernet.

**%INTERFACE-E-LOWGIFMTU The specified MTU - *<mtu value>* - is too small for a tunnel interface. Use a larger MTU value.**

**Explanation:**

The MTU specified for the IPv6 tunnel interface is too small.

**Recommended Action:**

Use a larger MTU value.

**%INTERFACE-E-LOWIPV6MTU The specified MTU - *<mtu value>* - is too small for an IPv6 interface. Use a larger MTU value.**

**Explanation:**

The MTU specified for the IPv6 ethernet interface is too small.

**Recommended Action:**

Use a larger MTU value.

**%INTERFACE-E-LOWPORTMTU, The MTU of the port (or one of the ports in the vlan) assigned to this interface is too small to support an interface. Increase the port mtu to a value greater than 94 in order to create an interface assigned to it.**

**Explanation:**

Creating an interface requires that port(s) assigned to that interface have an MTU greater than 94.

**Recommendation:**

Use the **port set** command to increase the MTU to at least 94.

**%INTERFACE-E-MACADDRNOTALLOWED Mac address option is not allowed for WAN card.**

**Explanation:**

The MAC address option is not allowed for WAN card ports.

**Recommended Action:**

None.

**%INTERFACE-E-MACCONFLICT The MAC address <MAC\_address> conflicts with another MAC address <MAC-address> being used on this port. Only one MAC address can be configured per port, per protocol.**

**Explanation:**

This message is displayed when the user attempts to specify a MAC address that is different from the MAC address already associated with the given port for the IP/IPX interface being created. As the message text states, only one MAC address may be specified per port for each type of protocol.

**Recommended Action:**

No action necessary. The new MAC address has not been assigned.

**%INTERFACE-E-NAME <string> is not a valid host or network address**

**Explanation:**

This message is displayed when a user supplies an invalid host or network address.

**Recommended Action:**

Contact Enterasys Technical Support for information about this message.

**%INTERFACE-E-NAMETOOLONG** The interface name *<interface\_name>* is too long. The name cannot be longer than 32 characters.

**Explanation:**

This message is displayed when the user has entered a name for an IP/IPX interface which is too long.

**Recommended Action:**

Use a shorter name. The maximum allowed length is displayed in the error message.

**%INTERFACE-E-NATATTACHED** An NAT is attached to this interface.

**Explanation:**

This message is displayed when the interface is NAT-defined and cannot be removed without detaching NAT first.

**Recommended Action:**

Detach the NAT definition on the interface first before removing the interface itself.

**%INTERFACE-E-NOEXIST** Interface *<interface\_name>* does not exist. Please check the name and try again.

**Explanation:**

This message is displayed when a command refers to an interface which does not exist. Usually, this occurs if the interface name is typed in incorrectly.

**Recommended Action:**

Check the name of the interface in the command that failed, and make sure that it matches the name of an interface that has already been created.

**%INTERFACE-E-NOMAC** The MAC address *<MAC\_address>* is being used by the en0 10base-T interface on the CPU module and is reserved. Please use another MAC address.

**Explanation:**

The specified MAC address is reserved for use with the X-Pedition CPU module.

**Recommended Action:**

Specify another MAC address for your interface.

**%INTERFACE-E-NOMLTPL Interface <interface\_name> cannot support secondary address due to old line card**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%INTERFACE-E-NOPEERADDR Interface <interface\_name> is configured as a Broadcast interface.**

**Explanation:**

This message is displayed when the interface is configured as a Broadcast interface and no peer address is given.

**Recommended Action:**

Make sure that there is a peer address specified with the interface when the Broadcast type is configured.

**%INTERFACE-E-NOSUCHIF Interface <interface\_name> was not found or is not configured with any 'IP' addresses.**

**Explanation:**

This message is displayed when the user is trying to show information about an interface that does not exist, or is not configured with the protocols of interest to the user.

**Recommended Action:**

Check the name of the interface.

**%INTERFACE-E-NOSUCHPORT Port doesn't exist on this system.**

**Explanation:**

This message occurs when a port is not found by the system even though the module exists.

**Recommended Action:**

Contact Enterasys Technical Support for information about this message.

## **%INTERFACE-E-NOSUCHVCL Specified VCL does not exist.**

**Explanation:**

Internal error.

**Recommended Action:**

User should specify a different VC.

## **%INTERFACE-E-NOTUNLOCALADDRESS Tunnel interface <interface name> has a peer IPv6 address specified, <local interface name>. You must also specify a local IPv6 address using the \"address-prefix\" option, or remove the peer IPv6 address so that both the local and remote IPv6 addresses are generated automatically.**

**Explanation:**

User is creating an IPv6 tunnel interface and has specified a peer-address, but not an address-prefix.

**Recommended Action:**

Specify an address-prefix, or remove the specified peer-address and let both addresses be automatically generated.

## **%INTERFACE-E-NOTUNLOCALV4HOST Tunnel interface <interface name> must have a local IPv4 address specified. Interface <localv4 interface name> does not exist. Please create the interface or specify another local IPv4 interface.**

**Explanation:**

The localv4 interface specified during tunnel creation does not exist.

**Recommended Action:**

Change the localv4 interface to an existing ipv4 interface, or create an ipv4 interface with the same name referenced by the localv4 option.



**%INTERFACE-E-NOTUNPEERADDRESS** Tunnel interface *<interface name>* has a local IPv6 address specified, *<local ipv6 address>*. You must also specify a remote IPv6 address using the `"peer-address"` option, or remove the local IPv6 address so that both the local and remote IPv6 addresses are generated automatically.

**Explanation:**

User is creating an IPv6 tunnel interface and has specified an address-prefix, but not a peer-address.

**Recommended Action:**

Specify a peer-address, or remove the specified address-prefix and let both addresses be automatically generated.

**%INTERFACE-E-OMACMISMATCH** The interface *<interface\_name>* is also using VLAN *<vlan\_name>*. When two interfaces use the same VLAN, they must use the same output MAC encapsulation. Please change the output MAC encapsulation or use another VLAN.

**Explanation:**

(See message text.)

**Recommended Action:**

(See message text.)

**%INTERFACE-E-PEER\_NOT\_ALLOWED** *<ipv6 address>* is being added to a port-based interface. A peer-address is allowed only for a tunnel interface.

**Explanation:**

User attempted to add a secondary address to an IPv6 Ethernet interface, and specified a peer-address. A peer-address should only be used with a tunnel interface.

**Recommended Action:**

Do not specify a peer-address.

**%INTERFACE-E-PEER\_REQUIRED <ipv6 address> is being added to a tunnel interface. A peer-address is required.**

**Explanation:**

User attempted to add a secondary address to an IPv6 tunnel interface, but did not specify a peer-address.

**Recommended Action:**

Specify a peer-address.

**%INTERFACE-E-POLICYATTACHED A Policy is attached to this interface. Please detach policy '<policy-name>' from interface '<interface\_name>' first.**

**Explanation:**

This message is displayed when the interface is Policy-defined and cannot be removed without detaching the Policy first.

**Recommended Action:**

Detach the Policy defined on the interface before removing the interface itself.

**%INTERFACE-E-PORTHASIPV6PORT Port <port specifier> already belongs to IPv6 interface <interface name>. A port can only belong to one IPv6 interface.**

**Explanation:**

User is attempting to add a 2nd IPv6 interface to an Ethernet port.

**Recommended Action:**

Add the interface to a different Ethernet port.

**%INTERFACE-E-PORTHASIPV6VLAN Port <port specifier> already belongs to IPv6 VLAN <vlan name>. A port can only belong to one IPv6 VLAN.**

**Explanation:**

User is attempting to add a port to a 2nd IPv6 VLAN.

**Recommended Action:**

Remove the port from the first IPv6 VLAN before attempting to add to another IPv6 VLAN.

**%INTERFACE-E-PORTHASVLAN Port <port\_number> already belongs to VLAN <vlan\_name>. Please use the -vlan- option of the -interface create- command instead of the -port- option.**

**Explanation:**

When an interface is created using the **interface create... port <portname>** command, a VLAN is created for the interface and the port is added to the VLAN. If the port is an access port and is already on a VLAN for the type of interface being created (IP/IPX), then it cannot be added to another VLAN.

**Recommended Action:**

Use the **interface create... vlan <vlanname>** version of the command to bind the interface to the VLAN which contains the desired port.

**%INTERFACE-E-PORTINVLAN Only ports belonging to the default vlan can be added to a SmartTRUNK.**

**Explanation:**

This error message is displayed when the user attempts to add a port to a SmartTRUNK that already belongs to a VLAN other than the default VLAN.

**Recommended Action:**

Remove the port from any other VLANs (except the default VLAN) by negating any existing **vlan add ports** commands relating to the port in question. Then add the port to the desired SmartTRUNK.

**%INTERFACE-E-PPPADDNOTSUPP Interface <interface-name> is already configured as a Point-To-Point interface.**

**Explanation:**

Adding an address to a Point-to-Point interface is not supported.

**Recommended Action:**

Create a broadcast interface if multiple interfaces are needed.

**%INTERFACE-E-PPPIFPORTSEXCD Point-to-Point interface  
<interface-name> cannot have more than 1 port specified.**

**Explanation:**

A Point-to-Point interface can not have more than one port.

**Recommended Action:**

Use the **interface create** command on a single port. Or ensure that only one port is in the VLAN when using the **interface create** command on a VLAN.

**%INTERFACE-E-PROTNOTSUPP VLAN <vlan\_name> does not support  
the IP protocol. Please check the VLAN name and try again.**

**Explanation:**

This message is displayed when the user is trying to create an interface bound to a VLAN which does not support the protocol of the interface (IP/IPX).

**Recommended Action:**

Create a VLAN which supports the desired protocol before creating an interface for that protocol.

**%INTERFACE-E-QOSATTACHED A QOS flow definition is attached to  
interface <interface\_name>. Please negate the QOS commands applied to  
this interface.**

**Explanation:**

Before negating (deleting) an interface, QOS flows associated with the interface must be negated.

**Recommended Action:**

Locate and negate (delete) all CLI commands associating QOS flows with the interface you wish to negate, then negate the interface.

**%INTERFACE-E-RARPDENABLED RARPD is enabled on this interface.  
Please disable it first.**

**Explanation:**

The **interface create** command cannot be negated due to the fact that RARPD is enabled on the interface.

**Recommended Action:**

Negate the corresponding **rarpd set interface** command before attempting to remove the interface.

**%INTERFACE-E-RESERVEDIF Interface lo0 is a reserved interface and cannot be created. However, you can add addresses to the interface using the `_interface add` command.**

**Explanation:**

The interfaces lo0 (loopback) and en0 (management port on the CPU module) are automatically created by the system. They cannot be created by the user. However, the user can add addresses to these interfaces.

**Recommended Action:**

Remove the command which generated the message from the configuration. Use the **interface add ip** command to add an IP address to the interface, if desired.

**%INTERFACE-E-RLATTACHED A Rate Limit policy is attached to this interface.**

**Explanation:**

This message is displayed when the interface is Rate-Limit-defined and cannot be removed without detaching the Rate-Limit first.

**Recommended Action:**

Detach the Rate-Limit defined on the interface before removing the interface itself.

**%INTERFACE-E-SAMEADDR local address *<address>* and peer address *<address>* are the same.**

**Explanation:**

This message is displayed when the peer address given matches the local address.

**Recommended Action:**

Make sure that the peer address you are trying to configure is different from the local address.

**%INTERFACE-E-SAMEENCAP The encapsulation entered is already being used on another network attached to this interface.**

**Explanation:**

This message is displayed when the encapsulation entered is already being used by another network attached in the same interface.

**Recommended Action:**

Make sure no two networks on the same interface have the same encapsulation.

## **%INTERFACE-E-STNOTFOUND SmartTRUNK st.<number> not found.**

### **Explanation:**

This message occurs when the user attempts to add an interface to a SmartTRUNK and the SmartTRUNK does not exist.

### **Recommended Action:**

Verify the SmartTRUNK exists.

## **%INTERFACE-E-SUBNETEXISTS The address <IP\_address> belongs to a subnet which is already configured on this system.**

### **Explanation:**

The user is trying to create an interface on a subnet which is already configured on another interface on the same device.

### **Recommended Action:**

Remove the command that generated the error message from the configuration.

## **%INTERFACE-E-TACPLUSATTACHED, The IP address <ip-address> is currently in use by TACACS+ and cannot be removed.**

### **Explanation:**

This error will occur when you attempt to negate an **interface create** or **interface add** command and a **tacacs-plus set source** command in the active configuration contains the same IP address as the interface being removed.

### **Recommended Action:**

Configure TACACS+ to use a different source address before removing the interface.

## **%INTERFACE-E-TRAPSOURCE error message has been added**

### **Explanation:**

This error occurs when a user attempts to negate an **interface create** or **interface add** command and an **snmp set trap-source** command in the active configuration contains the same interface name or IP address as the interface being removed.

### **Recommended Action:**

Before removing the interface, configure SNMP to use a different trap source address.

**%INTERFACE-E-TUNADDRSMIXED** Tunnel ipv6 addresses *<local ipv6 address>* and *<peer ipv6 address>* must both be global or must both be link-local.

**Explanation:**

User attempted to configure a tunnel with an address-prefix and peer-address that are incompatible; one is a global address and the other is a link-local address.

**Recommended Action:**

Make both addresses global, or make both addresses link-local.

**%INTERFACE-E-TUNNEL\_DUPLICATE** Specified localv4/remotev4 address pair already in use by tunnel interface *<interface name>*.

**Explanation:**

The IPv4 address pair specified with the localv4 and remotev4 options are already in by the tunnel specified in the error message.

**Recommended Action:**

Either remove the existing tunnel referred to in the error message, or choose a unique localv4/remotev4 address pair to successfully create another tunnel.

**%INTERFACE-E-VLAN\_ID\_IN\_USE** VLAN id *<vlan-id value>* is already in use. Please choose a unique VLAN id.

**Explanation:**

The value given with the vlan-id option is already being used by another VLAN.

**Recommended Action:**

Choose another VLAN ID. Use the **vlan show** command to see the VLAN IDs already in use.

**%INTERFACE-E-VLANIFTYPENOTSUPP** Interface *<interface\_name>*: Point-to-Point interface type cannot be specified along with the VLAN option.

**Explanation:**

This message is displayed when a Point-to-Point interface type is selected with a VLAN option.

**Recommended Action:**

Use the *port* option with the **interface create** command instead of the *vlan* option.

**%INTERFACE-E-ZEROPTSINIF Interface <interface\_name> is not associated with any ports**

**Explanation:**

This message is displayed when there are no ports associated with the configured interface.

**Recommended Action:**

Make sure there is at least one port associated with the configured interface.



# Chapter 28

## IP Helper and BOOTP Relay Agent Error Messages

This chapter describes the error messages for the IP Helper and BOOTP/DHCP Relay Agent facility.

### Informational Messages

**%IPHELPER-I-FWD Packet forwarded <IP address> to <interface>**

**Explanation:**

The X-Pedition router forwarded a packet that arrived with the displayed IP address and UDP port number, to the interface with the displayed unicast IP address.

**Recommended Action:**

Informational message. No action necessary.

**%IPHELPER-I-FWD\_IF Packet forwarded <IP address> to <addresses>  
(ifaddr <address>)**

**Explanation:**

The X-Pedition router forwarded a packet that arrived with the displayed IP address and UDP port number, to the interface with the displayed broadcast and unicast IP addresses.

**Recommended Action:**

Informational message. No action necessary.

**%IPHELPER-I-TTLEXP TTL expired; packet from <IP address> not forwarded**

**Explanation:**

The X-Pedition router dropped the packet with the displayed IP address and UDP port number due to its TTL expiration.

**Recommended Action:**

Informational message. No action necessary.

**%RELAY\_I\_BOOTREPLY Forwarded BOOTREPLY for <host> to  
<interface>**

**Explanation:**

The X-Pedition router forwarded a BOOTREPLY from a BOOTP server to the client with the displayed IP and MAC address.

**Recommended Action:**

Informational message. No action necessary.

**%RELAY-I-BOOTREQUEST Forwarded BOOTREQUEST for <host> to  
<interface>**

**Explanation:**

The X-Pedition router forwarded a BOOTREQUEST from the client with the displayed MAC address to the displayed IP address.

**Recommended Action:**

Informational message. No action necessary.

### **%RELAY-I-GIADDR BOOTP reply with unknown giaddr <address>**

**Explanation:**

The X-Pedition router dropped a BOOTREPLY packet with the displayed giaddr IP address because it does not match any of the interfaces on the router.

**Recommended Action:**

Informational message. No action necessary.

### **%RELAY-I-NOFORWARD BOOTP/DHCP forwarding not allowed on <interface>**

**Explanation:**

The X-Pedition router received a BOOTP/DHCP packet on an interface where an IP helper address is configured but it's not for BOOTP/DHCP packets. The helper address is configured to forward UDP broadcast packets of a service other than BOOTP/DHCP.

**Recommended Action:**

No action is necessary if you don't want the Relay Agent to forward BOOTP/DHCP broadcast packets to an IP helper address. If you want the packet to be forwarded, then you need to configure an IP helper address for that interface.

### **%RELAY-I-NOHELPER BOOTP packet received on <interface> with no IP helper configured**

**Explanation:**

The X-Pedition router received a BOOTP/DHCP packet on an interface but no IP helper address is configured for that interface. As a result, the broadcast BOOTP/DHCP packet will not be forwarded by the router.

**Recommended Action:**

No action is necessary if you don't want the Relay Agent to forward BOOTP/DHCP broadcast packets to an IP helper address. If you want the packet to be forwarded, then you need to configure an IP helper address for that interface.

## **%RELAY-I-PACKET BOOTP <?> (<?>) received at interface <interface>**

**Explanation:**

The X-Pedition router received a BOOTP request or reply packet. The packet's giaddr IP address, whether it is a request or reply and whether it is a broadcast or unicast packet, is displayed.

**Recommended Action:**

Informational message. No action necessary.

## **Error Messages**

### **%IPHELPER-E-DUPHELPER Duplicate helper address <IP\_address>**

**Explanation:**

This error message appears when the user attempts to assign a helper address to an interface with which the same helper address has already been assigned.

**Recommended Action:**

Assign a different helper address to the interface.

### **%IPHELPER-E-NOSUCHIF No such interface: <interface\_name>**

**Explanation:**

This error message appears when the user specifies a helper address for a nonexistent interface.

**Recommended Action:**

Specify a helper address on an existing interface.

# Chapter 29

## IP Policy Error Messages

This chapter describes the error messages for the IP policy facility.

### Informational Messages

**%PBR-I-CREATED Policy *<name>* has been successfully created for ACL(s) *<acl list>***

**Explanation:**

The IP policy has been created for the specified ACL(s).

**Recommended Action:**

Informational message. No action necessary.

**%PBR-I-DELETED Policy *<name>* has been successfully deleted for ACL(s) *<acl list>***

**Explanation:**

The IP policy has been deleted for the specified ACL(s).

**Recommended Action:**

Informational message. No action necessary.

### **%PBR-I-INTERFACE Policy <name> has been successfully attached to/attached from <interface> interface**

**Explanation:**

The IP policy has been applied to the specified interface.

**Recommended Action:**

Informational message. No action necessary.

### **%PBR-I-NOALL No policy applied to all IP interfaces**

**Explanation:**

There is no policy that is applied to all IP interfaces.

**Recommended Action:**

Informational message. No action necessary.

### **%PBR-I-PINGER\_ADD Adding addresses for policy <name> to pinger <string>**

**Explanation:**

Pinger has been enabled for this policy.

**Recommended Action:**

Informational message. No action necessary.

## **Error Messages**

### **%PBR-E-ACLEXISTS Profile <acl> already exists in policy <name>**

**Explanation:**

The specified ACL is already part of this policy. Multiple instances of the same ACL are not allowed.

**Recommended Action:**

Check the ACL name.

### **%PBR-E-ACLNOTFOUND Rule <acl> not present**

**Explanation:**

The specified ACL is not found.

**Recommended Action:**

Check the ACL name and make sure it exists.

### **%PBR-E-APPLIED Policy has other commands attached -- negate these commands first**

**Explanation:**

The policy that is being negated has other commands applied to it. This policy cannot be deleted before the other applied commands.

**Recommended Action:**

Negate the other commands that are applied to this policy before deleting this policy.

### **%PBR-E-INVLD\_IPADDR Invalid IP address <address> specified**

**Explanation:**

The IP address specified is invalid.

**Recommended Action:**

Specify a valid IP address.

### **%PBR-E-IPONLY Policy can be applied to IP ACLs only -- ignoring <acl>**

**Explanation:**

Only IP ACLs can be specified for the policy.

**Recommended Action:**

Specify an IP ACL.

## **%PBR-E-NOMEM Processing error -- out of memory <string>**

**Explanation:**

The system is out of memory.

**Recommended Action:**

Expand existing memory and try again. If problem persists, contact Enterasys Technical Support.

## **%PBR-E-NONIPIF Cannot apply policy to non IP interface <name>**

**Explanation:**

The interface to which the policy is being applied is a non-IP interface.

**Recommended Action:**

Apply the policy to an IP interface.

## **%PBR-E-NOPOLICY: No Policy applied to interface %s**

**Explanation:**

There is no policy applied to the interface

**Recommended Action:**

Use the correct interface name.

## **%PBR-E-NOSUCHIF Interface <name> does not exist**

**Explanation:**

The specified interface does not exist.

**Recommended Action:**

Check the interface name and make sure it exists.

## **%PBR-E-NOSUCHRULE Could not find policy <name>**

**Explanation:**

The specified policy name does not exist.

**Recommended Action:**

Make sure that the policy name is valid.



## **%PBR-E-POLICYEXISTS: Load Policy for %s already set to %s --- negate previous policy**

**Explanation:**

Cannot change the load policy of a policy without negating the policy

**Recommended Action:**

Negate the policy and re-apply with the new load policy

## **%PBR-E-TOOMANY Maximum of <number> next-hops can be specified**

**Explanation:**

Too many next hops are specified.

**Recommended Action:**

A maximum of four next hops can be specified in a single instance of the next hop list. Make sure that four or fewer next hops are specified.

## **%PBR-E-TOOMANYACLs Maximum of <number> ACLs can be specified**

**Explanation:**

Too many ACLs are specified.

**Recommended Action:**

A maximum of 20 ACLs can be specified in a single policy statement. Make sure that less than 20 ACLs are specified.



# Chapter 30

## IP Stack Error Messages

This chapter describes the error messages for the IP Stack facility.

### Informational Messages

#### **%IP-I-ARPNOTFOUND No matching ARP entry found**

**Explanation:**

The user is trying to delete an entry which does not exist.

**Recommended Action:**

Informational Message. No action necessary.

#### **%IP-I-ARPOVRWRITE arp info overwritten for <IP\_address> by (MAC\_address)**

**Explanation:**

An ARP entry was updated as a result of receiving an ARP message with information different from the information contained in the entry. This can happen if a connected device is rebooted with a different Ethernet adapter.

**Recommended Action:**

Informational Message. No action necessary.

### **IP-I-DETECTEDICMPFLOOD Excessive ICMP packets received from <ipaddr>, protective measures have been taken**

**Explanation:**

The router has detected excessive ICMP packets from a station with the IP address listed. These packets are destined to one of the routers interface IP addresses. To protect the router, these flows have had their priority lowered so that all other traffic will be processed before it, to help alleviate the negative impact this traffic may have on router performance.

**Recommended Action:**

Determine if the station originating the traffic is malicious. Take steps to resolve the problem by fixing the attacking station. If the IP address cited is not in your domain, ACLs or other filtering may be needed to drop traffic from this host.

### **IP-I-DETECTEDSYNFLOOD Excessive SYN packets received from <ipaddr>, protective measures have been taken**

**Explanation:**

The router has detected excessive TCP SYN packets from a station with the IP address listed. These packets are destined to one of the routers interface IP addresses. To protect the router, these flows have had their priority lowered so that all other traffic will be processed before it, to help alleviate the negative impact this traffic may have on router performance.

**Recommended Action:**

Determine if the station originating the traffic is malicious. Take steps to resolve the problem by fixing the attacking station. If the IP address cited is not in your domain, ACLs or other filtering may be needed to drop traffic from this host.

### **IP-I-PKTFLOODSTOPPED ICMP packet flood has stopped, or an excessively flooded connection has timed out, for packets from <ipaddr>**

**Explanation:**

Actions previously taken against the IP address listed here have been removed. See IP-I-DETECTEDICMPFLOOD for more information on the actions taken when a packet flood is detected.

**Recommended Action:**

Informational Message. No action is necessary.

## **IP-I-PKTFLOODSTOPPED TCP SYN packet flood has stopped, or an excessively flooded connection has timed out, for packets from <ipaddr>**

### **Explanation:**

Actions previously taken against the IP address listed here have been removed. See IP-I-DETECTEDSYNFLOOD for more information on the actions taken when a packet flood is detected.

### **Recommended Action:**

Informational Message. No action is necessary.

## **%IP-I-REPUNRESOLVE Replacing unresolved arp for <IP\_address> with <MAC\_address>**

### **Explanation:**

A previously unresolved ARP for a given IP address was updated as a result of a user-defined static ARP entry.

### **Recommended Action:**

Informational Message. No action is necessary.

## **%IP-I-ROUTEADDED <3> Route to %s %s via gateway %s was successfully added**

### **Explanation:**

A route entry was added.

### **Recommended Action:**

This message is informational only. No action is necessary.

## **%IP-I-ROUTEDELETED <3> Route to %s %s via gateway %s was successfully deleted**

### **Explanation:**

A route entry was deleted.

### **Recommended Action:**

This message is informational only. No action is necessary.

## **%IP-I-RTQREALLYOLD in\_rtqtime: adjusted rtq\_reallyold to <number>**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

## **Warning Messages**

### **%IP-W-ARPEXCEEDED The maximum number of ARPs (<number>) was exceeded - no ARP entry created.**

**Explanation:**

The maximum number of ARP packets has been sent with no response.

**Recommended Action:**

Verify connectivity to the device which ARP packets are being sent.

### **%IP-W-AUTOHASH\_OFF Channel <number> has cycled through all IP hash variants. Turning off autohash for <number> seconds, variant = <number>.**

**Explanation:**

Auto hashing has tried all of the hash variants and is still detecting L3 table bucket overflows. The most successful variant is chosen and autohashing is disabled for the specified time.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-W-AUTOHASH\_ON Channel <number> has detected bucket overflows and is enabling autohashing, current variant is <number>.**

**Explanation:**

L3 table bucket overflows are detected and "ip l3-hash <module> variant 8(auto-hash)" has been configured. The system has selected a new hash variant.

**Recommended Action:**

No action is required. The system is determining the best hashing variant.

**%IP-W-BADBCAST arp: ether address is broadcast for IP address  
<IP\_address>!**

**Explanation:**

An ARP packet with a broadcast source Ethernet address was received.

**Recommended Action:**

There may be a device on the network which is misconfigured or behaving erratically.

**%IP-W-DUPLIP duplicate IP address <IP-address> sent from ethernet  
address: <MAC-address>**

**Explanation:**

An ARP packet was received from another device that has been configured with the same IP address as the X-Pedition router. This is a misconfiguration of the network.

**Recommended Action:**

Change the IP address on the X-Pedition router or the other device. The other device can be identified by the MAC address displayed in the message.

**%IP-W-RTQKILL1 in\_rtqkill: error %d**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## Error Messages

**%IP-E-ARPLKUP arplookup <IP\_address> failed: <error-number>**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

## **%IP-E-BADANNOT rn\_delete: inconsistent annotation**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-CLRTEGFAIL NUE\_Set\_Flag failed**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-CNTRLTMRFAIL NU\_Control\_Timer failed for %s**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-GTWY arp\_rtrequest: bad gateway value**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.



### **%IP-E-LIMITIPOPTIONPKTS, The limit-ip-option-pkts command cannot be enabled because L3 aging is disabled**

**Explanation:**

A user attempted to add the **ip enable limit-ip-option-pkts rate-threshold <num>** command and L3 aging is disabled.

**Recommended Action:**

Remove the **aging l3 set timeout disable** command from the configuration.

### **%IP-E-MASKDUP rn\_addmask: mask impossibly already in tree**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-E-MAXKEYLEN rn\_init: radix functions require max\_keylen be sent**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-E-NATCFG <3> Port %s cannot be set to destination based routing with interface %s set as NAT %s**

**Explanation:**

NAT cannot work for an interface if that port is in destination based routing.

**Recommended Action:**

Make sure that the port on which NAT support is needed is not in destination based routing mode.

**%IP-E-NATHSTMODECFG <3> Port %s cannot be set to host blow based routing with interface %s set as NAT %s**

**Explanation:**

NAT cannot work for an interface if that port is in host flow based routing.

**Recommended Action:**

Make sure that the port on which NAT support is needed is not in host flow based routing mode.

**%IP-E-NOANNOT rn\_delete: couldn't find our annotation**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IP-E-NOCHANNUM Invalid channel number -- <number>**

**Explanation:**

The user specified a valid channel number that is currently inactive.

**Recommended Action:**

Specify an active channel. If you need quick help determining which channels are available, enter the **system show hardware** CLI command to display your current hardware configuration.

**%IP-E-NOIPADDRCFG No IP Interface configured for port %s**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-E-NOMASK rn\_new\_radix\_mask: Mask for route not entered**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-E-NOMEM arp\_rtrequest: memory request failed**

**Explanation:**

The system is out of memory.

**Recommended Action:**

Reboot the device.

### **%IP-E-NONODE rn\_delete: couldn't find us**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IP-E-NONUNIQRN rn\_addroute: Non-unique normal route, mask not entered**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-NOTEN0 A default route cannot be set with a gateway reachable via en0**

**Explanation:**

The user is trying to add a default route such that packets that match the default route will be sent on the en0 interface. This is not allowed because the en0 interface is reserved for management purposes.

**Recommended Action:**

Do not specify en0 as the gateway interface. Do not use a device which is connected to en0 as a gateway.

## **%IP-E-ORPHANMASK rn\_delete: Orphaned Mask %x at %x**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-RESETTMRFAIL NU\_Reset\_Timer failed**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-ROUTEEXISTS <3> A route to %s %s via gateway %s is already present**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-SETTEGFAIL NUE\_Set\_Flag failed**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IP-E-WAITTEGFAIL Wait\_For\_Teg failed**

**Explanation:**

The software component that manages IP resources has detected an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 31

## IPv6 Stack Error Messages

This chapter describes the error messages for the IPv6 Stack facility.

### Fatal Messages

#### **%IPV6-F-LOG - *<message>***

**Explanation:**

A log message (level = fatal) generated by the IPv6 stack software component.

**Recommended Action:**

Contact Enterasys Technical Support.

### Warning Messages

#### **%IPV6-W-LOG - *<message>***

**Explanation:**

A log message generated by the IPv6 stack software component.

**Recommended Action:**

If problems persist, contact Enterasys Technical Support.

## Audit Messages

### %IPV6-A-LOG - *<message>*

**Explanation:**

A log message generated by the IPv6 stack software component.

**Recommended Action:**

Informational message only - no action necessary.

## Informational Messages

### %IPV6-I-LOG - *<message>*

**Explanation:**

A log message generated by the IPv6 stack software component.

**Recommended Action:**

Informational message only - no action necessary.

## Error Messages

### %IPV6-E-LOG - *<message>*

**Explanation:**

A log message generated by the IPv6 stack software component.

**Recommended Action:**

Contact Enterasys Technical Support.

### %IPV6-E-SYSCTLFAIL - sysctl failed (mib= *<string>*,errno= *<number>*) at *<filename>*:*<linenumber>*.

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 32

## IPC (WAN) Error Messages

This chapter describes the error messages for the IPC facility used by the WAN software.

### Warning Messages

**%IPC-W-MODFAIL Remote module *<number>* failed (*<n>* times)... attempting hotswap**

**Explanation:**

This message is displayed when the X-Pedition router detects a failure with a WAN module and attempts to restart it via hotswap.

**Recommended Action:**

If necessary, contact Enterasys Technical Support and furnish them with the crash dump of the WAN image.

**Note:** The first three times the X-Pedition router detects a failure with a WAN module, it will attempt to automatically restart via hotswap. After the third time, you must manually conduct a hotswap to attempt resuming contact with the failed WAN module.

## Error Messages

### **%IPC-E-MALLOCFAIL Failed to allocate memory for <message>**

**Explanation:**

This message is displayed when the X-Pedition router is not able to allocate memory. The reason could be that the system does not have enough memory to support the configuration. (For example, the number of interfaces configured.)

**Recommended Action:**

Try removing some configuration entries (delete some interfaces). If problem persists, contact Enterasys Technical Support.

### **%IPC-E-MODFAIL Too many remote module <number> failures (<n> times)**

**Explanation:**

This error message is displayed when the X-Pedition router detects a failure with a particular WAN module more than three times.

**Recommended Action:**

Try hotswapping the WAN module to resume communication. If that does not solve the problem, contact Enterasys Technical Support.

### **%IPC-E-SENDFAIL Failed to send msg with error <number>**

**Explanation:**

This is an internal error. This may affect the functionality of the system.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 33

## IPX Protocol Error Messages

This chapter describes the error messages for the IPX Protocol facility.

### Warning Messages

**%IPX-W-AUTOHASH\_OFF Channel *<number>* has cycled through all IPX hash variants. Turning off autohash for *<number>* seconds, variant = *<number>*.**

**Explanation:**

Auto hashing has tried all of the hash variants and is still detecting L3 table bucket overflows. The most successful variant is chosen and autohashing is disabled for the specified time.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-W-AUTOHASH\_ON Channel <number> has detected bucket overflows and is enabling autohashing, current variant is <number>.**

**Explanation:**

L3 table bucket overflows are detected and "ipx l3-hash <module> variant 8(auto-hash)" has been configured. The system has selected a new hash variant.

**Recommended Action:**

No action is required. The system is determining the best hashing variant.

## Informational Messages

**%IPX-I-BUFFERSSUCC Allocated buffer size of %lu for %s.**

**Explanation:**

The IPX task successfully allocated socket buffers.

**Recommended Action:**

Informational message. No action necessary.

**%IPX-I-IPXSTATCLEAR IPX Statistics cleared.**

**Explanation:**

The IPX statistics information is cleared.

**Recommended Action:**

Informational message. No action necessary.

**%IPX-I-RIPPACKPERITER Rip packets per iteration changed to %d.**

**Explanation:**

The maximum RIP packets to be processed limit is set.

**Recommended Action:**

Informational message. No action necessary.

**%IPX-I-RIPREQPACKPERITER Rip request packets per iteration changed to %d.**

**Explanation:**

The maximum RIP request packets to be processed limit is set.

**Recommended Action:**

Informational message. No action necessary.

**%IPX-I-SAPGNSPACKPERITER Sap gns packets per iteration changed to %d.**

**Explanation:**

The maximum SAP GNS packets to be processed limit is set.

**Recommended Action:**

Informational message. No action necessary.

**%IPX-I-SAPPACKPERITER Sap packets per iteration changed to %d.**

**Explanation:**

The maximum SAP packets to be processed is set.

**Recommended Action:**

Informational message. No action necessary.

## Error Messages

**%IPX-E-BUFFERSFAIL <3> Could not allocate buffer size of %lu for %s.  
Error = %d.**

**Explanation:**

The desired buffer size could not be allocated.

**Recommended Action:**

Reduce the size of the buffers requested and try again.

**%IPX-E-CLRTEGFAIL NUC\_Set\_TEG\_Flag failed (0x%x).**

**Explanation:**

The CLR TEG call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-E-CNTRLTMRFAIL NU\_Control\_Timer failed (0x%x) for %s.**

**Explanation:**

The control timer call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-E-ENOSOCKSIZELEM No shadow socket size entry available**

**Explanation:**

Internal allocation array is filled up.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPX-E-ERIPCLINOMEM Cannot allocate memory for CLI**

**Explanation:**

IPX cannot allocate memory for CLI bulk print buffer.

**Recommended Action:**

If possible, remove some IPX entries to free up memory.

## **%IPX-E-ERIPIFSHAD Cannot allocate memory for shadow delete interface entry**

**Explanation:**

The X-Pedition router cannot allocate memory for shadow delete interface structure.

**Recommended Action:**

If possible, remove some interfaces to free up memory.

## **%IPX-E-ERIPNOIFELEM No shadow delete interface entry available**

**Explanation:**

The X-Pedition router cannot get a free slot in the shadow delete interface array.

**Recommended Action:**

Do not delete more than 10 interfaces combined for all the telnet sessions

## **%IPX-E-ERIPNOSHOWELEM No shadow show entry available**

**Explanation:**

IPX cannot get a free slot in the shadow show entry array. There can be a maximum of 20 active shows combined from all the Telnet session.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPX-E-ERIPNOSTATRTELEM No shadow static route entry available**

**Explanation:**

IPX cannot allocate a slot in the static route entry array. There is a maximum of 64 static route entries allowed.

**Recommended Action:**

Delete static routes until there are 64 entries.

## **%IPX-E-ERIPSHOWSHAD Cannot allocate memory for shadow show entry**

**Explanation:**

IPX cannot allocate memory for shadow show entry.

**Recommended Action:**

If possible, remove some IPX entries to free up memory.

## **%IPX-E-ERIPSTATRTFAIL Cannot add static route; route add failed**

**Explanation:**

An add static route failed because of lack of memory.

**Recommended Action:**

If possible, remove some static routes to free up memory, or contact Enterasys Technical Support if you wish to upgrade memory.

## **%IPX-E-ERIPSTATRTINTF Cannot define static route for the interface route**

**Explanation:**

IPX cannot make the interface routes static.

**Recommended Action:**

Verify interface is a directly attached network. You cannot add a static IPX route for a directly attached network.



## **%IPX-E-ERIPSTATRTSHAD Cannot allocate memory for shadow static route entry**

**Explanation:**

IPX cannot allocate memory for shadow static route entry.

**Recommended Action:**

If possible, remove some static routes to free up memory.

## **%IPX-E-ERIPTEGFAIL '<string>' : Set\_TEG\_Flag ret 0x<hex\_number> event\_flag <flag>**

**Explanation:**

IPX cannot set the task event group flag in the designation function.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPX-E-ESAPNOMEM Cannot allocate memory for SAP entry**

**Explanation:**

IPX task cannot allocate memory.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPX-E-ESAPNOSTATSAPPELEM No shadow static sap entry available**

**Explanation:**

The X-Pedition router cannot get a free slot in the shadow static SAP entry array. You cannot add more than 64 static SAP entries.

**Recommended Action:**

Delete SAP entries until there are 64 entries.

## **%IPX-E-ESAPSTATSAPFAIL Cannot add static sap; sap add failed due to low memory**

**Explanation:**

The user attempted to add a static sap, but there is insufficient memory to accommodate such an addition.

**Recommended Action:**

Expand existing memory and try again. If situation persists, contact Enterasys Technical Support.

## **%IPX-E-ESAPSTATSAPSHAD Cannot allocate memory for shadow static sap entry**

**Explanation:**

The X-Pedition router cannot allocate memory for shadow static SAP entry structure.

**Recommended Action:**

If possible, remove some SAP entries to free up memory.

## **%IPX-E-ESOCKSIZESHAD Cannot allocate memory for shadow socket size array**

**Explanation:**

The IPX task cannot allocate memory.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPX-E-ESOCKTEGFAIL <3> '%s' : Set\_TEG\_Flag ret 0x%x event\_flag %lu**

**Explanation:**

The IPX task cannot set the TEG flag.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-E-INTMAXMCREATED Number of IPX interface created exceeds <number> allowed**

**Explanation:**

The number of IPX interfaces has exceeded the maximum allowable.

**Note:** The X-Pedition router supports a maximum of 64 IPX interfaces.

**Recommended Action:**

Create no more than the maximum allowable number of IPX interfaces.

**%IPX-E-NOCHANNUM Invalid channel number -- <number>**

**Explanation:**

A user entered an invalid channel number (or the channel number does not refer to a slot that contains a line card).

**Recommended Action:**

Enter a valid channel number. A valid channel is numbered 0 through 7 and refers to a slot that contains a line card.

**%IPX-E-NOIPXADDRCFG No IPX Interface configured for Port %s.**

**Explanation:**

The user tried to set Destination based forwarding mode on a port on which there is no IPX interface configured.

**Recommended Action:**

Configure an IPX interface before setting the port in destination based forwarding mode.

**%IPX-E-NOMODULENUM Invalid module number -- %d.**

**Explanation:**

The user entered an invalid module number or refers to a slot that does not contain a line card.

**Recommended Action:**

Enter a valid module number that contains a line card. The valid module number can be found by using the Enable mode command **system show hardware**.

**%IPX-E-RESETTMRFAIL NU\_Reset\_Timer failed (0x%x).**

**Explanation:**

The reset timer call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-E-SETTEGFAIL NUE\_Set\_TEG\_Flag failed (0x%x).**

**Explanation:**

The SET TEG call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPX-E-WAITTEGFAIL Wait\_For\_TEG failed (0x%x).**

**Explanation:**

The TEG event call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 34

## Layer 2 Table Manager Error Messages

This chapter describes the error messages for the Layer 2 Table Manager facility.

### Informational Messages

**%L2TM-I-CLI\_ACK** *<command\_name>*

**Explanation:**

This message is displayed as acknowledgment of a successfully completed L2 configuration command (e.g. successful address filter registration).

**Recommended Action:**

Informational message only, no action necessary.

## **%L2TM-I-INIT, L2 Table Manager initialized**

**Explanation:**

This message indicates that the L2 Table Manager, required for switching, is initialized.

**Note:** This message is not displayed with firmware versions prior to E9.1.6.0.

**Recommended Action:**

Informational message only, no action necessary.

## **Warning Messages**

### **%L2TM-W-ADD\_L2\_ENTRY add L2 entry failed (<number>; port <port\_name>; vlan <id>; mac <MAC\_address>)**

**Explanation:**

This message is displayed when a MAC address could not be added to a port's L2 table.

**Recommended Action:**

This occurs if ALL the MAC addresses in a port's L2 table are management entries not to be deleted, therefore preventing dynamically learned MACs from being installed.

### **%L2TM-W-ADD\_L2\_ENTRY\_FLOW add L2 entry failed (<number>; port <port\_name>; vlan <id>; src <mac\_address> dst <mac\_address>)**

**Explanation:**

This message is displayed when a flow could not be added to a port's L2 table.

**Recommended Action:**

This occurs if ALL the FLOW is in a port's L2 table are management entries not to be deleted, therefore preventing dynamically learned flow from being started.

### **%L2TM-W-APS\_CONFLICT Port (%s) inherited %s config. %s**

**Explanation:**

This message is displayed to indicate that there is a conflict in the configuration.

**Recommended Action:**

APS ports should be in address-bridging mode (default for layer 2). Verify configuration.

### **%L2TM-W-APS\_STATUS Port %s - already %s**

**Explanation:**

This message is displayed when a port added to an APS is already a member of the APS.

**Recommended Action:**

Verify the configuration of the port in question.

### **%L2TM-W-AUTOHASH\_OFF Port <port\_name> has cycled through all hash modes. Turning autohash off for <number> seconds, mode = <number>.**

**Explanation:**

This message is displayed when auto hashing has tried all of the hash variants and is still detecting L3 table bucket overflows. The most successful variant is chosen and autohashing is disabled for the specified time.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%L2TM-W-AUTOHASH\_ON Channel <number> has detected bucket overflows and is enabling autohashing, current variant is <number>.**

**Explanation:**

L3 table bucket overflows are detected and "port set <port-list> hash-mode m-auto(auto-hash)" has been configured. The system has selected a new hash variant.

**Recommended Action:**

No action is required. The system is determining the best hashing variant.

### **%L2TM-W-BAD\_PORT request to perform an action on an invalid port (Port %d; %s)**

**Explanation:**

A software error occurred. This message is also displayed when you perform an action on a port that does not support the action or on a port that does not exist.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support. You may want to verify that the port affected by the command is actually in the system (i.e., they have not been hotswapped out) and that the port in question supports this action.

**%L2TM-W-DMND\_DEL L2 max table capacity reached: <name>  
cap<number> thr<number> src<number> dst<number> flw<number>  
mgt<number> (<number> >= <number>)**

**Explanation:**

This message is displayed when a port's maximum L2 table capacity has almost been reached. Some MAC entries will automatically be deleted (CAPacity, THReshold, SouRCe MACs, DeST MACs, FLoWs, ManaGeMent MACs).

**Recommended Action:**

If this message is displayed frequently, you may need a board with higher table capacity. For further assistance, call Enterasys Technical Support.

**%L2TM-W-FLOW\_MISMATCH MAC table flow inconsistency (<name>;  
port <port\_name>; vlan <id>; src <MAC\_address>; dst <MAC\_address>)**

**Explanation:**

This message is displayed when the hardware and software views of the MAC tables are out of sync.

**Recommended Action:**

Informational message. No action necessary.

**%L2TM-W-HANDLE\_BKTFULL Bucket full-deletion failed (port  
<name>; vlan <id>; mac <MAC\_address>)**

**Explanation:**

This message appears when multiple MAC addresses map to the same hardware location, but the router cannot complete a request to replace an existing L2 entry with a new one.

**Recommended Action:**

The message usually indicates an internal error that may be resolved temporarily by changing the hash-mode. Please contact Enterasys Technical Support for more details.



**%L2TM-W-HANDLE\_BKTFULL\_FLOW Bucket full-deletion failed  
(port <name>; vlan <id>; src <MAC\_address>; dst <MAC\_address>)**

**Explanation:**

This message appears when multiple L2 flows map to the same hardware location, but the router cannot complete a request to replace an existing flow entry with a new one.

**Recommended Action:**

The message usually indicates an internal error that may be resolved temporarily by changing the hash-mode. Please contact Enterasys Technical Support for more details.

**%L2TM-W-INVALID\_VLAN Port <port\_name> receiving frames from  
non-member VLAN (<vlan\_id>). Possible misconfiguration.**

**Explanation:**

This message is displayed when a port is receiving frames corresponding to a VLAN of which it is not a member.

**Recommended Action:**

This is likely due to reception of 802.1Q tagged frames that are not configured for this port. Check your VLAN-to-port configuration. This may be an indication of a misconfigured network. To filter these messages, enter **stp set vlan-disable** in config mode.

**%L2TM-W-L3ARP\_TX send message to ARP MAC Move queue failed  
(<string> <number>)**

**Explanation:**

This message is displayed when a send message to the ARP MAC Move queue failed.

**Recommended Action:**

This may be a temporary condition. Retry.

**%L2TM-W-L4BDGCONFIG L4 bridging configuration error - <string>**

**Explanation:**

This message is displayed when a non-IP/IPX packet was received and dropped.

**Recommended Action:**

Verify the configuration of the Layer 4 bridging VLAN.

## **%L2TM-W-L4BDGHDRERR L4 bridging L3 header error**

**Explanation:**

This message is displayed when an error is detected in an IP/IPX packet header.

**Recommended Action:**

No action is required.

## **%L2TM-W-L4BDGL3QUE L4 bridging L3 miss queue error - <string>**

**Explanation:**

This message is displayed when a packet is received from a VLAN which is not in Layer 4 bridging mode.

**Recommended Action:**

Verify the configuration of Layer 4 bridging VLANs.

## **%L2TM-W-L4BDGTBL L4 bridging MAC table error - <string>**

**Explanation:**

This message is displayed when there is an error processing the MAC table lookup. See <string> for additional details.

**Recommended Action:**

Verify the configuration of the Layer 4 bridging VLANs.

## **%L2TM-W-MAC\_MOVED mac %04X:%04X:04X moved (%s --> %s).**

**Explanation:**

This message is displayed when the diagnostic command `l2-tables start mac-moves` is issued. These messages help the user determine the source of mac movement between ports.

**Recommended Action:**

Informational message. No action necessary.

## **%L2TM-W-MAC\_REG MAC address registration failed (%s)**

**Explanation:**

This message is displayed when one of the parameters required to add a MAC address into a port's table is invalid.

**Recommended Action:**

Informational message. No action necessary. (these are not user requests to add MAC addresses).

## **%L2TM-W-MACTBL MAC table error - <string>**

**Explanation:**

This message is displayed when a request to add or remove a MAC address from a port's L2 table failed.

**Recommended Action:**

Informational message. No action necessary.

## **%L2TM-W-MALLOC malloc failed (<string>)**

**Explanation:**

This message is displayed when an L2 request for memory failed. System is running out of memory.

**Recommended Action:**

Call Enterasys Technical Support.

## **%L2TM-W-MSG\_RX L2 queue received unrecognized message (<number>)**

**Explanation:**

This message is displayed when the L2 queue received an unrecognized request.

**Recommended Action:**

Informational message. No action necessary.

### **%L2TM-W-MSG\_TX send message to L2 queue failed (<string> - <number>)**

**Explanation:**

This message is displayed when a send message to the L2 queue failed.

**Recommended Action:**

The queue may be temporarily full.

### **%L2TM-W-RMON\_TX send message to RMON queue failed (%s - %d)**

**Explanation:**

This message is displayed when debugging is turned on for RMON. This message indicates that there was a problem sending data to the Queue used to send RMON updates to the external management system.

**Recommended Action:**

Capture information displayed and contact Enterasys Technical Support.

### **%L2TM-W-ST\_CONFLICT Port (<name>) inherited SmartTRUNK config <config name>.**

**Explanation:**

This message is displayed when a port has been added to a Smart Trunk.

**Recommended Action:**

Informational message. No action necessary. (This message is purely for the user's benefit.)

### **%L2TM-W-ST\_PORT\_SYNC Error while updating L2 table of new %s port**

**Explanation:**

This message is displayed while synchronizing ports in a link group. If any problem occurs during the synchronization, this message will be displayed.

**Recommended Action:**

Informational message. No action necessary.

### **%L2TM-W-ST\_STATUS Port %s - %s is already %s**

**Explanation:**

This message is displayed when a port added to a SmartTRUNK is already a member of the SmartTRUNK.

**Recommended Action:**

Verify the configuration of the SmartTRUNK.

### **%L2TM-W-STATION\_MOVE MAC addresses are moving between port <port\_name> and other port(s). Possible loop.**

**Explanation:**

This warning message is displayed when one or more MAC addresses that had previously been learned on one port have now been learned on a different port.

**Recommended Action:**

If a cable has been moved from one port to another, or if there have been recent spanning-tree topology changes, then you can ignore this message. However, if this message is displayed repeatedly, a loop may exist requiring you to enable spanning-tree.

### **%L2TM-W-TBL\_MISMATCH L2 table inconsistency (<name>; port <port\_name>; vlan <id>; mac <MAC\_address>)**

**Explanation:**

This message is displayed when the hardware and software views of the MAC tables are out of sync.

**Recommended Action:**

Informational message. No action necessary.

### **%L2TM-W-VLANID VLAN Id %d does not exist.**

**Explanation:**

This warning is displayed when a filter or static entry is applied for a vlan that does not exist.

**Recommended Action:**

Verify that the vlan configuration is correct for the network, then retry the command.

## **%L2TM-W-WANNOTALLOWED L2 filtering on vc is not supported**

**Explanation:**

This message is displayed when an action is requested on a WAN port that is not supported.

**Recommended Action:**

Verify configuration.

## **Error Messages**

## **%L2TM-E-CREATE\_TMR timer creation failed (retCode <number>)**

**Explanation:**

This message is displayed when, during initialization (system boot), the L2 task could not create a timer resource (used to age-out MAC addresses).

**Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.

## **%L2TM-E-DMND\_DEL could not remove enough entries from L2 table (port <port\_id>)**

**Explanation:**

This message is displayed when a port's table is almost full. Some MAC addresses were automatically removed. However, not enough entries were found (more entries were expected).

**Recommended Action:**

The software and hardware view of the MAC tables may be out of sync. If this message displays repeatedly, contact Enterasys Technical Support.

## **%L2TM-E-FLOW\_HW Attempt to enable flow bridging mode in a prototype module/port failed (%s).**

**Explanation:**

This message is displayed when attempting to enable flow bridging mode on a module that doesn't support flow bridging mode.

**Recommended Action:**

Upgrade the hardware or do not specify flow bridging mode.

## **%L2TM-E-FLT\_CONFLICT <string>**

**Explanation:**

This message is displayed when multiple L2 filters have been configured and there are conflicts between 2 of them (contradictory configuration).

**Recommended Action:**

The message informs you of the conflicting parameters. Please modify the configuration accordingly.

## **%L2TM-E-FLT\_INVALID <string>**

**Explanation:**

This message is displayed when an L2 filter was successfully configured but later, when the filter was being applied to traffic that matched the requirements, not all the filtering information was found.

**Recommended Action:**

Negate and then re-enter the L2 filter command. If problem persists, contact Enterasys Technical Support.

## **%L2TM-E-FLT\_MAC invalid MAC address while specifying L2 filter**

**Explanation:**

This message is displayed when one of the MAC address parameters required to register an L2 filter is invalid.

**Recommended Action:**

Save a copy of your configuration file and send it to Enterasys Technical Support.

## **%L2TM-E-GET\_SEMA4 failed acquiring sema4 (retCode <number>)**

**Explanation:**

This message is displayed when the lock used to guarantee the integrity of the MAC address table could not be acquired/set.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

## **%L2TM-E-NO\_PORTS, st.1 does not have any ports yet. Please add ports before setting the aging status for the SmartTRUNK**

### **Explanation:**

This message appears when a user enters the command **aging l2 disable st.x** and the SmartTRUNK (st.x) exists but does not have any ports added to it yet.

### **Recommended Action:**

When this message appears, the command will not be active until you add ports to the SmartTRUNK. To add ports to the SmartTRUNK, use the **smarttrunk add ports x.x to st.x** command.

## **%L2TM-E-NEEDS\_PORT st.1 must have at least one port in it because the port contains configured l2 aging or flowbridging information. Before removing all ports from the SmartTRUNK, please negate any aging or flowbridging commands relating to the SmartTRUNK. (Search your configuration for “aging l2” or “port flowbridging”)**

### **Explanation:**

This message appears when a user attempts to remove ports from a SmartTRUNK by negating a **smarttrunk add ports x.x to st.x** command.

### **Recommended Action:**

This error occurs only if another command exists that sets values for ports on the SmartTRUNK. For example in the following configuration, you must negate command numbers 3 and 4 before you negate command number 2:

```
1 : smarttrunk create st.1
2 : smarttrunk add ports et.3.1 to st.1
3 : aging l2 disable st.1
4 : port flow-bridging et.3.1
```

## **%L2TM-E-PORT\_CLEANUP unsuccessful port cleanup (p <name> src <number> dst<number> flow<number> mgt<number>)**

### **Explanation:**

This message is displayed when a port was hot-swapped (out) and not all of its related information could be successfully removed.

### **Recommended Action:**

Informational message. No action necessary.



### **%L2TM-E-REL\_SEMA4 failed releasing sema4 (retCode <number>)**

**Explanation:**

This message is displayed when the lock used to guarantee the integrity of the MAC address table could not be released.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

### **%L2TM-E-ST\_CONFLICT failed adding port (<port\_name>) to SmartTRUNK <smart\_trunk>**

**Explanation:**

This message is displayed when adding a port to a SmartTRUNK fails.

**Recommended Action:**

Verify the port being added to a SmartTRUNK.

### **%L2TM-E-START\_TMR failed to start timer 0x<hex\_number> (retCode <number>)**

**Explanation:**

This message is displayed when, during initialization (system boot), the L2 task could not start a timer (used to age-out MAC addresses).

**Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.

### **%L2TM-E-STNOTFOUND SmartTRUNK st.<number> not found**

**Explanation:**

This message is displayed when the user attempts to specify a particular SmartTrunk port that the X-Pedition router cannot identify.

**Recommended Action:**

Verify that the specified port is actually part of a SmartTRUNK.

## **%L2TM-E-VLANID, VLAN Id 5 does not exist.**

**Explanation:**

There is not a VLAN with Id of 5.

**Recommended Action:**

Create a VLAN with ID 5 or change the Id in the filter to match the Id of an existing VLAN.

## **%L2TM-E-WANNOTALLOWED L2 filtering on vc is not supported**

**Explanation:**

This message is displayed when an L2 static entry is configured on a WAN port per VC. Filters on WAN port VCs are not supported.

**Recommended Action:**

This feature (static entry) cannot include a WAN VC as a parameter.

## **Fatal Errors**

### **%L2TM-F-CREATE\_Q failed creating queue <string> (retCode <number>)**

**Explanation:**

This message is displayed when, during initialization (system boot), the L2 task could not create a queue resource (used to receive MAC addresses during learning).

**Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.

### **%L2TM-F-CREATE\_SEMA4 failed creating sema4 (retCode <number>)**

**Explanation:**

This message is displayed when, during initialization (system boot), the L2 task could not create a semaphore resource used to maintain the integrity of the MAC tables

**Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.

## **%L2TM-F-REG\_LRN failed registering L2-learning with NI**

### **Explanation:**

This message is displayed when, during initialization (system boot), the L2 task could not register to receive frames for learning.

### **Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.



# Chapter 35

## Layer 3 Aging Error Messages

This chapter describes the error messages for the Layer-3 Aging facility.

### Error Messages

#### **%L3AGE-E-LIMITIPTIONPKTS, Cannot disable L3 aging because limit-ip-option- pkts command is enabled**

**Explanation:**

This message appears when a user attempts to add the **aging l3 set timeout disable** command when the **ip enable limit-ip-option-pkts rate-threshold <num>** command is already in the configuration.

**Recommended Action:**

Remove the **ip enable limit-ip-option-pkts rate-threshold <num>** command from the configuration.

## Fatal Messages

### **%L3AGE-F-AHTMRCREATFAIL autohash timer creation failed with error '%d'**

**Explanation:**

This message appears when the timer for the autohash task could not be created due to limited system resources.

**Recommended Action:**

Increase system memory or contact Enterasys Technical Support to resolve the problem.

### **%L3AGE-F-AHTMRSTARTFAIL failed to start autohash timer '0x%x', error '%d'**

**Explanation:**

This message appears when the timer for the autohash task could not be started due to limited system resources.

**Recommended Action:**

Increase system memory or contact Enterasys Technical Support to resolve the problem.

### **%L3AGE-F-EVWAIT event wait failed with error '%d'**

**Explanation:**

This message appears when the L3 aging task event wait failed due to system resource problems.

**Recommended Action:**

System will reboot. If problem persists, contact Enterasys Technical Support.

### **%L3AGE-F-TMRCREATFAIL timer creation failed with error '%d'**

**Explanation:**

This message appears when the timer for the L3 aging task could not be created due to limited system resources

**Recommended Action:**

Increase system memory or contact Enterasys Technical Support to resolve the problem.

## **%L3AGE-F-TMRSTARTFAIL failed to start timer '0x%x', error '%d'**

### **Explanation:**

This message appears when the timer for the L3 aging task could not be started due to limited system resources

### **Recommended Action:**

Increase system memory or contact Enterasys Technical Support to resolve the problem.





# Chapter 36

## Load Balance Error Messages

This chapter describes the error messages for the Load Balance facility.

### Informational Messages

**%LOADBAL-I-AGINGTIMER Load Balance Client-Server mappings aging timer set to *<number of minutes>* minutes**

**Explanation:**

The aging timer for client-server mappings is set to the specified number of minutes.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-APPDOWN Host status change detected: applications on port *<port num>* of *<server IP>* belonging to group *<group name>* is down**

**Explanation:**

The operational state of the specified application on the server has been set to down.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-APPUP Host status change detected: applications on port *<port num>* of *<server IP>* belonging to group *<group name>* is up**

**Explanation:**

The operational state of the specified application on the server has been set to up.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-CHGPOLICY Load Balance policy changed to *<new policy>* from *<old policy>* for group *<group name>***

**Explanation:**

The policy for distributing workload on load-balancing servers is changed for the specified group.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-CLADDGRPACC *<Client ipaddr/ipaddr range>* added to access list of group *<group name>***

**Explanation:**

The specified address or address range is added to the list of hosts that are allowed to access the load balancing server group without address translation.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-CLREMGRPACC *<Client ipaddr/ipaddr range>* removed from access list of group *<group name>***

**Explanation:**

The specified address or address range has been removed from the list of hosts that are allowed to access the load balancing server group without address translation.

**Recommended Action:**

Informational message. No action necessary.

## **%LOADBAL-I-FTPCONTROL FTP Control port set to <port number> for load balancing**

**Explanation:**

The FTP control port is set to the specified port number.

**Recommended Action:**

Informational message. No action necessary.

## **%LOADBAL-I-GRPCREATED Group <group name> successfully created with virtual IP <ipaddr> and port <virtual port number>**

**Explanation:**

The load balancing group is created with the specified virtual IP address and virtual port number.

**Recommended Action:**

Informational message. No action necessary.

## **%LOADBAL-I-GRPDELETED Load Balancing group <group name> deleted successfully**

**Explanation:**

The specified load balancing group was deleted.

**Recommended Action:**

Informational message. No action necessary.

## **%LOADBAL-I-HOSTADDED Host <ipaddr> with port <port number> successfully added to group <group name>**

**Explanation:**

The specified server was added to the load balancing group.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-HOSTDELETED Host <ipaddr> successfully deleted from group <group name>**

**Explanation:**

The specified server was deleted from the load balancing group.

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-HOSTDOWN Host Status Change Detected: <ipaddr> belonging to group <group name> is Down**

**Explanation:**

The operational status of the specified server in the load balancing group has been set to 'down.'

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-HOSTUP Host Status Change Detected: <ipaddr> belonging to group <group name> is Up**

**Explanation:**

The operational status of the specified server in the load balancing group has been set to 'up.'

**Recommended Action:**

Informational message. No action necessary.

**%LOADBAL-I-SETVARIANT Load Balance Mappings Hash Index variant set to variant <new variant> from <old variant>**

**Explanation:**

The hash variant for calculating the load balancing mappings index is set to the new variant number.

**Recommended Action:**

Informational message. No action necessary.

## **%LOADBAL-I-VPNDEST VPN destination port set to *<port\_num>* for Load Balancing**

**Explanation:**

VPN groups will now need to use this port.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%LOADBAL-W-ADMINALREADYDOWN Host *<ipaddr>* with port *<port number>* in group *<group name>* is already marked down by admin**

**Explanation:**

The specified server has already been set to 'down' admin status.

**Recommended Action:**

No action necessary.

### **%LOADBAL-W-ADMINALREADYUP Host *<ipaddr>* with port *<port number>* in group *<group name>* is already marked up by admin**

**Explanation:**

The specified server has already been set to 'up' admin status.

**Recommended Action:**

No action necessary.

**%LOADBAL-W-HOSTSTATE Incoming packets for group <group name> being dropped. Due to their current state, no destination host could be selected.**

**Explanation:**

This warning message is displayed when all servers in the load balancing group are either set to 'down' admin status or are not responding.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to check the status of the servers in the group. Set the admin status of servers to 'up.' Make sure servers are running.

**%LOADBAL-W-NOHOSTSADDED Incoming packets for group <group name> being dropped. No servers have been added to group <group name>**

**Explanation:**

Clients are trying to access the virtual address and port number of the load balancing group, but there are no servers in the group to which the X-Pedition router can redirect the client requests. The load balancing group has been created but no servers have been added to the group.

**Recommended Action:**

Add servers to the specified group with the **load-balance add host-to-group** or **load-balance add host-to-vip-range** commands.

## Error Messages

**%LOADBAL-E-ACCLSTEXISTS Access List still exists for group <group name>. Please remove access list of group before proceeding**

**Explanation:**

You attempted to remove the group, but an access list exists for the group.

**Recommended Action:**

Remove the access list for the group first before removing the group.

### **%LOADBAL-E-GRPNAMEUSED**

**Group name *<group name>* is already used**

**Implicit to be generated group name *<group name>* is already used**

**Explanation:**

You attempted to create a group name that already exists. When using the load-balance create vip-range-name command to create groups, note that separate server groups for each virtual IP address in the range are implicitly created.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to see the created groups.

### **%LOADBAL-E-HOSTEXISTS Destination hosts still exist for group *<group name>*. Please remove them from the group before proceeding**

**Explanation:**

You attempted to delete a group or range before removing the hosts from the group or range.

**Recommended Action:**

Use the negate command to remove hosts from the group or range first before deleting the group or range.

### **%LOADBAL-E-HOSTINLIST Host *<ipaddr>* with port *<port number>* is already added to group *<group name>***

**Explanation:**

You attempted to add a server that has already been added to the same group.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to see the created groups and the servers that belong to those groups.

### **%LOADBAL-E-ILLEGALRANGE Illegal range. Please try again.**

**Explanation:**

You specified an illegal IP address range. The range must be in the form 10.10.1.1-10.10.1.3.

**Recommended Action:**

Check the syntax of the IP address range you specified.

## **%LOADBAL-E-INVALIDPORT**

**Cannot create a Virtual IP range on port 20 (ftp data port)**

**Cannot create a group on port 20 (ftp data port)**

**Cannot add a host with port 20 (ftp data port)**

**Explanation:**

Port number 20 is the FTP data port and cannot be specified as the virtual port number for a group or virtual IP range, or the port for a server.

**Recommended Action:**

Specify a port number other than 20.

## **%LOADBAL-E-IPINACCLIST Client IP already in access list**

**Explanation:**

You specified an IP address with the load-balance allow access-to-servers command that had already been specified.

**Recommended Action:**

Check the IP address.

## **%LOADBAL-E-IPNOTINACCLIST specified IP addresses not found in access list of group <group name>**

**Explanation:**

The access list for the group was removed or does not exist.

**Recommended Action:**

Use the **load-balance allow access-to-servers** command to specify the hosts that are allowed to access a group without address translation.

## **%LOADBAL-E-MAXVIPRANGE Cannot create a range with more than 254 Virtual IP's. Please try again with a lesser range.**

**Explanation:**

A virtual IP address range cannot have more than 254 addresses. You can, however, create two or more separate virtual IP address ranges.

**Recommended Action:**

Specify a virtual IP address range of less than 254 addresses.



## **%LOADBAL-E-MSG Load Balance - *<module>* - memory allocation error**

**Explanation:**

A memory allocation error occurred in the specified module.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%LOADBAL-E-NEEDACVREPLY Please specify an 'act-reply' to be checked for the 'acv-command'**

**Explanation:**

While setting up the application checking options, the 'acv-command' was specified without specifying an "acv-reply."

**Recommended Action:**

Try the command again and this time also specify the expected response from the server with the 'acv-reply' option.

## **%LOADBAL-E-NEEDPORT Host without a port cannot be added to a group associated with a specific port**

**Explanation:**

You attempted to add a host without a port number to a load balancing group that has a port specified.

**Recommended Action:**

Specify a port number for the host you are adding to the group.

## **%LOADBAL-E-NEEDWILDPOR<0> <1> %s**

**Explanation:**

While assigning a persistence-level of 'sticky' when creating a group, the user also specified the 'virtual-port' options. The 'sticky' persistence-level only works with Wildcard groups.

**Recommended Action:**

Try the command again without specifying the 'virtual-port' option while creating the group.

### **%LOADBAL-E-NOACVOPT4UDP Application Content Verification options cannot be set for UDP groups or their servers**

**Explanation:**

ACV options cannot be set for UDP groups or their servers.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%LOADBAL-E-NOACVOPT4WILD Application Content Verification options cannot be set for Wildcard groups or their servers**

**Explanation:**

ACV options cannot be set for wildcard groups or their servers.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%LOADBAL-E-NOCHGFTPSPORT Cannot change FTP Control port. FTP load balance group exists on port <port number>**

**Explanation:**

You created a group on the FTP control port. The FTP control port cannot be changed unless the group is removed first.

**Recommended Action:**

Remove the group before changing the FTP control port. Or, do not change the FTP control port.

### **%LOADBAL-E-NOCHGVPNPORT Cannot change VPN Destination port. VPN load balance group exists on port <port\_num>**

**Explanation:**

The user previously created a group with persistence-level of 'VPN'.

**Recommended Action:**

Delete the group on the specified port number to be able to proceed.

**%LOADBAL-E-NOFTPDATAGRP The Corresponding FTP data group of *<group name>* could not be found**

**Explanation:**

You created a group on the FTP control port, which implicitly creates the FTP data group. However, the FTP data group cannot be found.

**Recommended Action:**

Contact Enterasys Technical Support.

**%LOADBAL-E-NOPORT Host with a port cannot be added to a group unassociated with ports**

**Explanation:**

You attempted to add a host with a port number to a load balancing group that does not have a port specified.

**Recommended Action:**

Do not specify a port number for the host you are adding to the group.

**%LOADBAL-E-NOSETOPTFTPDATAGRP Cannot set *<option>* for FTP data group. Set it for the corresponding FTP control group.**

**Explanation:**

You created a group on the FTP control port, which implicitly created the FTP data group. You can only set options for the group on the FTP control port.

**Recommended Action:**

Specify the group name on the FTP control port.

**%LOADBAL-E-NOSUCHGRP No such load-balance group *<group name>* exists**

**Explanation:**

You specified a nonexistent load balancing group when adding servers to a group, specifying access lists, etc.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to see the created groups.

**%LOADBAL-E-NOSUCHHOST Host *<ipaddr>* with port *<port number>* is not in server list of group *<group name>***

**Explanation:**

You attempted to either set the status of a server that does not belong to a load balancing group, delete a server that has already been deleted, or delete a server that was never added to a group.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to see the created groups and their servers.

**%LOADBAL-E-NOSUCHVIPRANGE No such Virtual IP range name *<vip range name>***

**Explanation:**

You specified a nonexistent virtual IP range name when adding servers to groups, specifying access lists, etc.

**Recommended Action:**

Check the configuration for the specified virtual IP range name.

**%LOADBAL-E-OPTSET4GRP *<option name>* already set for group *<group name>*. Please negate that command before proceeding**

**Explanation:**

The specified option was already set to a certain value in a previous command.

**Recommended Action:**

Negate that command before proceeding.

**%LOADBAL-E-OPTSET4SER *<option name>* already set for server *<ip of server>* on port *<port num>*.Please negate that command before proceeding**

**Explanation:**

The specified option was already set to a certain value in a previous command.

**Recommended Action:**

Negate that command before proceeding.

**%LOADBAL-E-REMACVOPT4GRP Please remove the ACV options of Group *<group name>* before proceeding**

**Explanation:**

The user modified the ACV options from their defaults and now wishes to delete that group.

**Recommended Action:**

Negate the ACV command before for that group before proceeding.

**%LOADBAL-E-REMACVOPT4SER> Please remove the ACV options of Host *<ip of server>* with port *<port num>* before proceeding**

**Explanation:**

The user modified the ACV options from their defaults and now wishes to delete that server.

**Recommended Action:**

Negate the server-ACV command for that server before proceeding.

**%LOADBAL-E-REMOVEPOLICY Policy has been changed for group *<group name>*. Please remove that command before proceeding**

**Explanation:**

You changed the load-balancing policy from the default policy for the specified group. You cannot remove the group unless the policy configuration command is removed first.

**Recommended Action:**

Remove the policy command before removing the group.

**%LOADBAL-E-SAMEPOLICY Load Balance policy is already set to *<policy name>***

**Explanation:**

You attempted to set the policy for distributing workload on the load balancing servers, but the specified policy was already in effect.

**Recommended Action:**

No action necessary.

### **%LOADBAL-E-SAMEVARIANT Load Balance Mappings Hash Index variant is already set to variant *<hash variant number>***

**Explanation:**

You attempted to set the hash variant for calculating load-balancing mappings index, but the specified hash variant was already in effect.

**Recommended Action:**

No action necessary.

### **%LOADBAL-E-SPLITHOSTS Cannot add more than *<limit>* hosts in one command. Please split them up**

**Explanation:**

You need to use more than one command in order to add more hosts to the group. Note that this does *not* mean that no more hosts can be added to the group; you will need to use more than one command to add the hosts.

**Recommended Action:**

Use multiple commands to add hosts to the group.

### **%LOADBAL-E-STRINGTOOBIG Virtual IP range name is too big. With specified range, the range name can be only *<number>* characters.**

**Explanation:**

The specified range name becomes the *base* group name; thus, the range name 'myrange' becomes the groups 'myrange1,' 'myrange2,' etc., for each virtual address in the specified range. Depending upon the number of virtual addresses in the range, one to three additional digits are appended to the base group name.

**Recommended Action:**

Use a range name with fewer characters.

**%LOADBAL-E-USESAMERANGE Please use the same range of IP's for the destination server's as the Virtual IP range.**

**Explanation:**

The number of servers in the specified range is not the same as the number of virtual IP addresses. If you specified 15 virtual IP addresses with the **load-balance create vip-range-name** command, then you must specify a range of 15 IP addresses in the **load-balance add host-to-vip-range** command.

**Recommended Action:**

Specify a range of IP addresses that is a one-to-one mapping to the virtual IP addresses.

**%LOADBAL-E-VIPPORTUSED Virtual IP <ipaddr> and Virtual Port <port number> combination is already used**

**Explanation:**

You specified a virtual IP address and virtual port number combination that has already been created.

**Recommended Action:**

Use a different virtual IP address-virtual port number combination.

**%LOADBAL-E-VIPRANGENAMEUSED Virtual IP range name <range name> is already used**

**Explanation:**

You specified a vip-range-name that already exists.

**Recommended Action:**

Use the **load-balance show virtual-hosts** command to see the created groups.





# Chapter 37

## Mirroring Error Messages

This chapter describes the error messages for the Mirroring facility.

### Informational Messages

**%MIRRORING-I-MIRROR\_INFO Mirroring on port <monitor-port> for <target-port> is enabled or disabled**

**Explanation:**

This message indicates whether port mirroring has been enabled or disabled for the specified port.

**Recommended Action:**

Informational message. No action required.

### Warning Messages

**%MIRRORING-W-GCASTRLSE Cannot release gcast entry %d**

**Explanation:**

This message is displayed when the group cast index cannot be released.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%MIRRORING-W-L2APIFAIL Cannot mirror existing L2 traffic**

**Explanation:**

This message is displayed when the Layer 2 traffic cannot be mirrored.

**Recommended Action:**

Check the mirrored/target port for correctness. Also if the port is already being mirrored, the above message will be displayed.

## **Error Messages**

### **%MIRRORING-E-IPONLY ACL '%s' is a non-IP ACL. Only IP ACLs can be applied to flow mirroring**

**Explanation:**

This message is displayed when the ACL specified is a non-IP ACL.

**Recommended Action:**

Non-IP ACLs cannot be used in flow mirroring.

### **%MIRRORING-E-MONITORING\_SET %s '%s' is already being monitored**

**Explanation:**

This message is displayed when the target port is already being monitored.

**Recommended Action:**

Check to make sure that the target port specified is not already being monitored.

### **%MIRRORING-E-MONITORPORT Port '%s' is a monitor port, cannot monitor a monitor port**

**Explanation:**

This message is displayed when the monitor port specified is itself being monitored.

**Recommended Action:**

Disable monitoring on the desired port and then execute the command.

### **%MIRRORING-E-NO\_CMTS\_MIRRORING Port mirroring not allowed on cmts ports**

**Explanation:**

This message is displayed when a CMTS port is specified as a monitor port.

**Recommended Action:**

Do not use a WAN/CMTS/POS port to monitor.

### **%MIRRORING-E-NO\_POS\_MIRRORING Port mirroring not allowed on SONET ports**

**Explanation:**

This message appears when a POS port is specified as a monitor port.

**Recommended Action:**

Do not use a WAN/CMTS/POS port to monitor.

### **%MIRRORING-E-NO\_WAN\_MIRRORING Port mirroring not allowed on wan ports**

**Explanation:**

This message is displayed when a WAN port is specified as a monitor port.

**Recommended Action:**

Do not use a WAN/CMTS/POS port to monitor.

### **%MIRRORING-E-NORULE Rule '%s' does not exist, cannot %s a non-existent rule**

**Explanation:**

This message is displayed when the ACL name specified could not be found.

**Recommended Action:**

Check the ACL name for correctness.

**%MIRRORING-E-PORTDISABLED Port '%s' has been disabled by another command, must remove this command first**

**Explanation:**

This message appears when the monitor port specified was already disabled with a **port disable** command.

**Recommended Action:**

Re-enable the port by negating the **port disable** command used for this port.

# Chapter 38

## MSTP Error Messages

This chapter describes the error messages for the MSTP facility.

### Warning Messages

**MSTP-W-PATH\_COST\_FAILED\_TO\_SET "The path cost for Msti <num> and port <name> could not be set to <entered\_cost>"**

**Explanation:**

The user changed the path cost for the MSTI shown, then used the command, **mstp enable legacy-path-cost** (either entered or negated the command). However, the X-Pedition router was unable to set the path cost to the configured value.

**Recommended action:**

Find the command that matches the warning, negate that command and enter it again.

## Error Messages

**%MSTP-E-APS\_ENABLED** It is invalid to enable/configure MSTP on *<port number>* as it is configured as a Protecting port. If you wish, you may enable/configure MSTP on the Working port *<port number>*

**Explanation:**

This message is displayed when the user attempts to enable MSTP on an APS protected port.

**Recommended Action:**

Enable MSTP on the APS working port.

**%MSTP-E-FAILED\_TO\_ADD\_PORT** Failed to add port *<port number>* to MSTP port list. Internal Error.

**Explanation:**

This message is displayed when the user attempts to enable MSTP on a port and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_DISABLE\_PORT** Unable to disable MSTP on port *<port number>*. Internal Error.

**Explanation:**

This message is displayed when the user attempts to disable MSTP on a port and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_ENABLE\_PORT Unable to enable MSTP on port <port number>. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to enable MSTP on a port and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_REMOVE\_PORT Failed to remove port <port number> from MSTP port list. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to remove MSTP from a port and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_AUTODETECT Unable to set auto-detect value. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the auto detect value and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_BRGHELLOTIME Unable to set the bridge hello time. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the bridge hello time and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_CONFIGNAME Unable to set the MSTP configuration name. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the MSTP Configuration Name and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_CONFIGREV Unable to set the MSTP configuration revision. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the MSTP Configuration Revision and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_EDGEPORT Unable to set edge value. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the edge port and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_FORWARDDELAY Unable to set forward delay. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the forward delay and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.



**%MSTP-E-FAILED\_TO\_SET\_HELLOTIME Unable to set hello time for port <port number>. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the MSTP hello time for a port and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_LEGACYPATHCOST Unable to set legacy-path-cost. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to enable/disable the legacy-path-cost option and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_MAXAGE Unable to set max age. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the max age and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_MAXHOPS Unable to set max hops. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the max hops and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_POINT2POINT Unable to set point to point value. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the point to point and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_PORTCOST Unable to set port cost. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the port cost and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_PRIORITY Unable to set priority for MSTI <number>.**

**Explanation:**

This message is displayed when the user attempts to set the bridging priority for an MSTI and the command fails.

**Recommended Action:**

Verify that the MSTI exists. If it does, contact Enterasys Technical Support.

**%MSTP-E-FAILED\_TO\_SET\_VERSION Unable to set MSTP protocol version. Internal Error.**

**Explanation:**

This message is displayed when the user attempts to set the version and an internal occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%MSTP-E-INITIALIZATION\_FAILED MSTP failed during initialization**

**Explanation:**

When MSTP attempted to create a configured MSTI, there was not enough memory.

**Recommended Action:**

Free some memory resources and restart MSTP

## **%MSTP-E-MAPPED\_VLANS Cannot remove msti <number> because one or more VLANs are mapped to it.**

**Explanation:**

This message is displayed when the user attempts negate an MSTI when there are VLANs mapped to it.

**Recommended Action:**

Negate the “mstp map” command that is mapping VLANs to this particular MSTI.

## **%MSTP-E-MAX\_MSTI\_CREATED Cannot create MSTI <number> because only <number> MSTIs can be configured at any one time**

**Explanation:**

This message is displayed when the user attempts to create an MSTI after the maximum amount of MSTIs have already been created.

**Recommended Action:**

Remove a previously configured MSTI.

## **%MSTP-E-MSTI\_DOES\_NOT\_EXIST MSTI <number> does not exist. Please create the MSTI first**

**Explanation:**

This message is displayed when the user enters a command involving an MSTI number that has not been created yet.

**Recommended Action:**

Create the MSTI number using the **mstp create** command.

**%MSTP-E-MSTP\_COMMANDS\_EXIST Cannot disable MSTP until all MSTP commands are removed from the active configuration.**

**Explanation:**

This message is displayed when the user attempts to negate the **mstp start** command when there are other MSTP commands in the active configuration.

**Recommended Action:**

Negate all MSTP commands before negating the **mstp start** command.

**%MSTP-E-MSTP\_IS\_ENABLED Cannot enter STP or PVST commands because MSTP is enabled. Disable MSTP to enter these commands.**

**Explanation:**

This message is displayed when the user attempts to configure STP or PVST commands when MSTP is already configured.

**Recommended Action:**

Disable/remove the MSTP commands.

**%MSTP-E-MSTP\_NOT\_ENABLED Cannot enter MSTP commands unless MSTP is enabled. Use “mstp start” to enable MSTP.**

**Explanation:**

This message is displayed when the user attempts to configure MSTP commands before the “mstp start” command has been configured.

**Recommended Action:**

Configure the “mstp start” command.

**%MSTP-E-NO\_MEMORY MSTP could not get needed memory**

**Explanation:**

When MSTP was started, there was not enough memory available initialize MSTP.

**Recommended Action:**

Free some memory resources and restart MSTP.

**%MSTP-E-OPTION\_ALREADY\_CONFIGURED Port: <port name>  
already has command that configures the point-to-point option**

**Explanation:**

The user is tried to set an MSTP option to a port that has already been configured with that option. For example, the user may have already configured point-to-point for et.1.5 to "ForceTrue", and just entered a command to set point-to-point for et.1.5 to "Auto." In this case, the Active Configuration already contains one command for the point-to-option and et.1.5.

**Recommended Action:**

Remove the original command from the active configuration.

**%MSTP-E-PER\_PORT\_HELLO\_MODE Cannot set hello-time for  
individual ports without “mstp enable per-port-hello-mode”**

**Explanation:**

This message is displayed when the user attempts to set the MSTP hello time for a port when the per port hello mode has not been enabled.

**Recommended Action:**

Configure the “mstp enable per-port-hello-mode” command.

**%MSTP-E-PORT\_NOT\_MSTP\_ENABLED MSTP is not enabled on port  
<port number>**

**Explanation:**

This message is displayed when the user attempts to execute a MSTP command on a port that has not been enabled for MSTP.

**Recommended Action:**

Configure the “mstp enable port” command.

**%MSTP-E-SET\_HELLO\_MODE Could not <string> per port hello mode.  
Internal Error**

**Explanation:**

This message is displayed when the user attempts to enable/disable MSTP per port hello mode and an internal error occurs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%MSTP-E-STP\_COMMANDS\_EXIST Cannot enable MSTP because STP or PVST commands exist. Remove all STP and PVST commands before enabling MSTP.**

**Explanation:**

This message is displayed when the user attempts to enable MSTP when STP or PVST commands already exist in the configuration. MSTP cannot run concurrently with STP/RSTP or PVST.

**Recommended Action:**

Disable/remove the STP or PVST commands.

## Informational Messages

**%MSTP-I-CIST\_ONLY\_MODE MSTP is operating in CIST only mode**

**Explanation:**

When MSTP was started, there was not enough memory available to allocate more than one spanning tree. MSTP is running only the CIST.

**Recommended Action:**

Free some memory resources and restart MSTP.

# Chapter 39

## Multicast Error Messages

This chapter describes the error messages for the Multicast facility.

### Error Messages

#### **%MULTICAST-E-BADADDR Bad Address: '%s'**

**Explanation:**

This message is displayed if the IP address specified does not correspond to a configured interface.

**Recommended Action:**

Verify the interface IP address.

#### **%MULTICAST-E-BADGRP Bad Group Address: '%s'**

**Explanation:**

This message is displayed if the multicast group specified is not a valid Group D address, for example, 224.0.0.0 to 239.255.255.255.

**Recommended Action:**

Verify the Group IP address.

## **%MULTICAST-E-IFNOTFOUND <interface ip\_address/name>: no such interface address**

**Explanation:**

This message appears when a nonexistent multicasting interface name or IP address has been specified.

**Recommended Action:**

Verify IP address and name.

## **%MULTICAST-E-MEMORY Could not allocate memory**

**Explanation:**

This message is displayed when multicast service is unable to allocate system memory.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%MULTICAST-E-NOCHILD Unable to create '%s' task**

**Explanation:**

This message is displayed when the system is unable to create the DVMRP task.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%MULTICAST-E-NOIGMP Igmp Not Running**

**Explanation:**

This message is displayed when the DVMRP task is not running.

**Recommended Action:**

Verify DVMRP service.



## **%MULTICAST-E-SYSERR   System Error in setting Static Group**

**Explanation:**

This message is displayed when an internal system error occurred while trying to configure a static group.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%MULTICAST-E-VPOR   Port Not in Vlan: '%s'**

**Explanation:**

This message is displayed when the port specified does not belong to the corresponding interface's VLAN.

**Recommended Action:**

Verify specified port.



# Chapter 40

## NAT Error Messages

This chapter describes the error messages for the Network Address Translation (NAT) facility.

### Informational Messages

**%NAT-I-CLNDYN Please wait while NAT removes the bindings and cleans up the existing NAT flows for these bindings...**

**Explanation:**

NAT is removing the bindings and the flows for this dynamic binding.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-DYNCR NAT Dynamic binding created for local-acl: <acl\_name> and global pool**

**Explanation:**

A dynamic address binding has been created with the specified local ACL pool and the global pool.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-DYNRM NAT Dynamic binding removed for local-acl:  
<acl\_name> and global pool**

**Explanation:**

Dynamic address binding is removed with the negation of the dynamic binding command.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-DYNSSTO Dynamic session time out for NAT set to: <value>  
(min)**

**Explanation:**

The time-out for dynamic address bindings is set to the specified value.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-FLOWAGING NAT flow aging time-out is set to: <value> (min)**

**Explanation:**

Flow aging for NAT is set to the specified value.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-FTPPRT FTP port for NAT set to: <port>**

**Explanation:**

The FTP control port for NAT is set to the specified value.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-FTPTO FTP session time-out for NAT set to: <value> (min)****Explanation:**

The FTP session time-out for NAT is set to the specified value.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-INITDYN Please wait while NAT dynamic initializes the dynamic pools and cleans up any existing flows...****Explanation:**

NAT is initializing the dynamic binding.

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-STCR NAT Static binding created between local-ip: <ip\_address> and global-ip: <ip\_address> with protocol: <protocol>****Explanation:**

A static address binding has been created between the specified local and global addresses with the specified protocol (IP, TCP, or UDP).

**Recommended Action:**

Informational message. No action necessary.

**%NAT-I-STRM NAT Static binding removed between local-ip range: <ip\_address-ip\_address:port(if any)> and global-ip range: <ip\_address-ip\_address:port(if any)> with protocol: <protocol>****Explanation:**

Static address binding is removed.

**Recommended Action:**

Informational message. No action necessary.

## Error Messages

### **%NAT-E-COMPILE NAT support was not included at compile time.**

**Explanation:**

NAT is not supported in this release.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%NAT-E-DNSNAMEEXTNOTSUPP ERROR: DNS Name Extensions are not supported**

**Explanation:**

This error message will appear when the router receives packets with DNS name extensions.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%NAT-E-DYNGBLSTMAL NAT\_AllocateGlobalList - malloc error**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%NAT-E-DYNGBLTOLCL The Global pool does not correspond to the Local acl pool: <acl\_name> it is binded for**

**Explanation:**

The global pool that the user specified does not correspond to the local pool.

**Recommended Action:**

Check the correspondence of the local ACL pool and the global pool.

**%NAT-E-DYNGBLUSED Given global IP is already being used with Local Acl pool *<acl\_name>***

**Explanation:**

The global address pool is already defined for dynamic address binding with the specified ACL.

**Recommended Action:**

Specify a different global address pool for dynamic address binding with the specified ACL.

**%NAT-E-HWCOMP Slot: *<slot\_number>* is not NAT compliant**

**Explanation:**

The hardware detected for the slot is not NAT compliant. New hardware is required for NAT.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NAT-E-IFBOUND Could not get the modules for interface: *<interface\_name>***

**Explanation:**

NAT could not get the modules attached to this interface.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NAT-E-IFHWCOMP Slot: *<slot\_number>* of interface: *<interface\_name>* is not NAT compliant**

**Explanation:**

The slot of the interface has a line card which is not NAT compliant. New hardware is needed for NAT.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NAT-E-IFPRTDSTBASED** The interface: *<interface\_name>* has port: *<port\_number>* of slot: *<slot\_number>* which is set to destination based routing. This is not allowed with NAT

**Explanation:**

Destination based routing ports are not allowed with NAT.

**Recommended Action:**

Remove destination based routing from the port.

**%NAT-E-IFPRTHSTMODE** The interface: *<interface\_name>* has port: *<port\_number>* of slot: *<slot\_number>* which is set to destination based routing. This is not allowed with NAT

**Explanation:**

Destination based routing ports are not allowed with NAT.

**Recommended Action:**

Remove destination based routing from the port.

**%NAT-E-IPADDRMSK** Not a valid address (broadcast address)

**Explanation:**

The specified address is not a valid IP address.

**Recommended Action:**

Specify a valid IP address.

**%NAT-E-IPLIST** Not a valid IP list

**Explanation:**

The specified list of IP addresses is not valid.

**Recommended Action:**

Specify a valid IP list.



### **%NAT-E-LCLACLNF Local acl set: <acl> not found**

**Explanation:**

The ACL specified for the local address pool does not exist.

**Recommended Action:**

Specify a valid ACL.

### **%NAT-E-LCLACLPROTO Local ACL's protocol should be IP**

**Explanation:**

The ACL specified for the local address pool is not an IP ACL.

**Recommended Action:**

Specify an IP ACL.

### **%NAT-E-MATCHIF NAT found that the local acl is defined previously without any matching interface. This is not allowed with NAT dynamic**

**Explanation:**

You can specify multiple global pools for the same local-acl pool if you have more than one connection to the Internet on different interfaces. You must specify the interface to be used in all the commands that use that local-acl pool.

**Recommended Action:**

Specify a matching interface in all the configuration commands that use this local-acl pool.

### **%NAT-E-MAXGBL %s**

**Explanation:**

With NAT dynamic, you can specify a maximum of 64K global addresses.

**Recommended Action:**

Specify no more than 65536 global addresses.

## **%NAT-E-MAXOVRGBL %s**

**Explanation:**

With NAT dynamic overload, you can specify a maximum of 255 global addresses.

**Recommended Action:**

Specify no more than 255 global addresses.

## **%NAT-E-NOSUCHIF Invalid interface: <interface\_name>**

**Explanation:**

The specified interface does not exist.

**Recommended Action:**

Specify a valid interface.

## **%NAT-E-SLOTEMP Slot: <slot\_number> is empty**

**Explanation:**

There is no line card in the slot.

**Recommended Action:**

Check the slot that you have specified.

## **%NAT-E-STLCLEXSITS A mapping for the local-ip already exists**

**Explanation:**

The specified local address is already being used for a static address binding.

**Recommended Action:**

Specify a different local address for the static address binding.

## **%NAT-E-STLCLGBL IP address: <ip\_address> found both in local and global**

**Explanation:**

The same IP address is specified for both the local and global address binding.

**Recommended Action:**

Specify a different address for either the local or global address binding.

## **%NAT-E-STPRT Ports cannot be used with protocol ip**

**Explanation:**

The local-port or global-port parameters can only be used if tcp or udp is specified for the protocol in this static address binding.

**Recommended Action:**

Specify either tcp or udp for the protocol for the static address binding.

## **%NAT-E-STRNG Range of local and global ip should be same**

**Explanation:**

There are different numbers of IP addresses in the local and global ranges.

**Recommended Action:**

You need to give exactly the same number of IP addresses in the local and global ranges.

## **%NAT-E-STRNGMAX Range of local and global ip should be less than 5000**

**Explanation:**

You cannot specify more than 5000 IP addresses in the range.

**Recommended Action:**

Reduce the range to 5000 or less.



# Chapter 41

## Neighbor Discovery Error Messages

This chapter describes the error messages for the Neighbor Discovery facility.

### Informational Messages

**%NDISC-I-CACHECLEARED – cleared all dynamic entries in neighbor cache.**

**Explanation:**

The neighbor cache has been cleared of dynamic entries.

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-CACHEEMPTY – IPv6 neighbor cache is empty.**

**Explanation:**

This is a result of an attempt to show an empty neighbor cache.

**Recommended Action:**

Informational message only, no action necessary.

## **%NDISC-I-CACHENODENTRIES – no dynamic entries found in IPv6 neighbor cache.**

**Explanation:**

An attempt to clear an empty neighbor cache was made.

**Recommended Action:**

Informational message only, no action necessary.

## **%NDISC-I-DADDISABLED – IPv6 duplicate address detection disabled.**

**Explanation:**

Duplicate address detection (DAD) has been disabled on IPv6 interfaces. When an IPv6 interface is configured with an IPv6 unicast address, no attempt is made to verify that the address is not already in use (on the network on which the interface resides.)

**Recommended Action:**

Informational message only, no action necessary.

## **%NDISC-I-DADENABLED - IPv6 duplicate address detection enabled (DAD count = <number>).**

**Explanation:**

Duplicate address detection (DAD) has been enabled on IPv6 interfaces. When an IPv6 interface becomes operational, the DAD protocol (see RFC 2461) will send up to <number> Neighbor Solicitation messages for each IPv6 unicast address configured on the interface, in order to determine whether the addresses are already in use. The default for <number> is 1.

**Recommended Action:**

Informational message only, no action necessary.

## **%NDISC-I-ENTRYADDED added static neighbor cache entry for <string>.**

**Explanation:**

A static neighbor cache entry has been added for the host associated with <string>.

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-ENTRYDELETED deleted neighbor cache entry for <string>.**

**Explanation:**

The host associated with <string> has had its neighbor cache entry deleted. This is generally a result of clearing the cache or removing a neighbor.

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-NDREACHTIMESET – IPv6 neighbor discovery reachability time for interface <string> set to <number> millisec.**

**Explanation:**

The value of the Reachable Time field (see RFC 2461) included in router advertisement messages sent on the interface identified by <string> has been set to <number> millisec. The default is 0 millisec, meaning unspecified (by this router).

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-NDRETRANSTIMESET - IPv6 neighbor discovery retransmission time for interface <string> set to <number> millisec.**

**Explanation:**

The value of the Retrans Timer field (see RFC 2461) included in router advertisement messages sent on the interface identified by <string> has been set to <number> millisec. The default is 0 millisec, meaning unspecified (by this router).

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-PERMENTRY - permanent neighbor cache entry for <string> exists currently - cannot overwrite it.**

**Explanation:**

The user attempted to configure a neighbor cache entry for one of the IPv6 addresses associated with an IPv6 interface on the router. This was rejected.

**Recommended Action:**

Informational message only, no action necessary.

**%NDISC-I-WILLBEADDED - static neighbor cache entry for (<string> -- <string>) will be automatically added when it becomes possible to do so.**

**Explanation:**

The specified static neighbor entry cannot be currently added to the neighbor cache for some reason. For example, an entry for a “neighbor” that does not reside on a network attached to any IPv6 interface on the router cannot be added to the neighbor cache. In this case, the neighbor will be added when an interface attached to the network on which the “neighbor” resides is configured and becomes operational.

**Recommended Action:**

Informational message only, no action necessary.

## Error Messages

**%NDISC-E-BADRTMSG – bad rtmsg received (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-CACHENOTCLEARED – some (count=<number>) dynamic entries in IPv6 neighbor cache could not be cleared.**

**Explanation:**

An internal condition prevented some number (<number>) of dynamic IPv6 neighbor cache entries from being deleted, when processing the **ndisc clear neighbor all** command.

**Recommended Action:**

Re-enter command. If problems persist, contact Enterasys Technical Support.



**%NDISC-E-CANTCONFIG – cannot add static IPv6 neighbor cache entry for *<string>* - no route or incompatible cache entry.**

**Explanation:**

When entering the **ndisc add neighbor** command, the user specified a value (*<string>*) that does not correspond to a neighbor attached to a LAN interface.

**Recommended Action:**

Re-enter the command specifying a neighbor attached to a LAN interface.

**%NDISC-E-DELNONNDPENTRY – can't delete non-neighbor entry (*<string>*) from IPv6 neighbor cache.**

**Explanation:**

When entering the **ndisc clear neighbor** command, the user specified a value (*<string>*) that does not correspond to a neighbor.

**Recommended Action:**

Re-enter the command specifying a neighbor.

**%NDISC-E-DONTKNOWLINKTYPE – could not determine link type for *<string>*.**

**Explanation:**

When entering the **ndisc add neighbor** command, the user specified a value (*<string>*) that does not correspond to a neighbor.

**Recommended Action:**

Re-enter the command specifying a neighbor.

**%NDISC-E-ESRCH – route not found**

**Explanation:**

While attempting to remove a neighbor entry from the cache, the corresponding route could not be found.

**Recommended Action:**

If the route can still be viewed in the table or if the problem persists, contact Enterasys Technical Support.

**%NDISC-E-GAIERR – could not resolve <string> to a valid IPv6 address <string>.**

**Explanation:**

An attempt to resolve a host name string to an IPv6 address failed.

**Recommended Action:**

Check the name of the host specified and retry.

**%NDISC-E-GETIFADDRS – errno=<number> from getifaddrs\_byindex() at <string>:<number>**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-GNIERR – could not resolve <string> to a valid IPv6 address or a host name (code=<number>)**

**Explanation:**

An internal domain name resolution attempt failed with the error code <number>.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-INVALIDMACADDR – invalid mac address (<string>).**

**Explanation:**

The user specified an invalid MAC address (<string>), when adding a static entry to the IPv6 neighbor cache.

**Recommended Action:**

Re-enter the **ndisc add neighbor** command with a valid MAC address of the form x1x2:x3x4:x5x6:x7x8:x9x10:x11x12, where x1 through x12 are hexadecimal digits (0..9, a..f, A..F), and x2 is an even digit.

**%NDISC-E-IOCTLFAIL – ioctl failed (param=<number>, errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-LLPERMENTRY – permanent neighbor cache entry for link local address <string> exists already – cannot overwrite.**

**Explanation:**

An attempt to add an entry to the neighbor cache conflicts with a previously existing permanent cache entry.

**Recommended Action:**

Check that the string was specified correctly. Retry the action.

**%NDISC-E-MALLOCFAIL – malloc failed (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-MCASTMACADDR – multicast mac address (<string>).**

**Explanation:**

When adding a static entry to the IPv6 neighbor cache, the user specified a multicast MAC address.

**Recommended Action:**

Re-enter the **ndisc add neighbor** command with a valid MAC address of the form x1x2:x3x4:x5x6:x7x8:x9x10:x11x12, where x1 through x12 are hexadecimal digits (0..9, a..f, A..F), and x2 is an even digit.

**%NDISC-E-NOCLRSELF – cannot clear our own interface address (<string>) from IPv6 neighbor cache.**

**Explanation:**

An attempt was made to remove a local (our own) interface address from the neighbor cache.

**Recommended Action:**

Check the address and try the action again. If problems persist, contact Enterasys Technical Support.

**%NDISC-E-NOCLRSEENTRY – use ‘no ndisc add neighbor’ to delete static IPv6 neighbor cache entry for <string>.**

**Explanation:**

The user attempted to delete a static IPv6 neighbor cache entry with the command meant for clearing dynamic neighbor cache entries.

**Recommended Action:**

Retry the delete with the command specified.

**%NDISC-E-NODELEENTRY – use 'ndisc clear neighbor' to clear dynamic IPv6 neighbor cache entry for <string>.**

**Explanation:**

The user attempted to clear a dynamic IPv6 neighbor cache entry with the command meant for deleting static neighbor cache entries.

**Recommended Action:**

Retry the delete with the command specified.

**%NDISC-E-NOENTRY – no entry found in IPv6 neighbor cache for <string>.**

**Explanation:**

While processing a CLI command, no entry was found in the IPv6 neighbor cache for the neighbor (<string>) referenced by the command.

**Recommended Action:**

If <string> is specified incorrectly, re-enter the CLI command with the proper value.

**%NDISC-E-RTSOCKCFail – close rtsock failed (errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-RTSOCKOFail – open rtsock failed (errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-RTSOCKRFail – read from rtsock failed (errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-RTSOCKSFail – select on rtsock failed (errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-RTSOCKWFAIL – write to rtsock failed (errno=<number>) at <string>:<number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-SEMCREFAIL – failed (errno=<number>) to create semaphore (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-SEMObTFAIL – failed (errno=<number>) to obtain semaphore (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-SEMRELFail – failed (errno=<number>) to release semaphore (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-SYSCTLFAIL – sysctl failed (mib=<string>),  
errno=(<number>) at <string>:<decimal>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-TIMEFAIL – time() failed (errno=<number>) at  
(<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-UDPSOCKCFail – close udp socket failed (errno=<number>)  
at (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NDISC-E-UDPSOCKOFail – open udp socket failed (errno=<number>)  
at (<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.





# Chapter 42

## NetFlow Error Messages

This chapter describes the error messages for the NetFlow facility.

### Informational Messages

#### **%NETFLOW-I-START started NETFLOW Service**

**Explanation:**

NetFlow has been started

**Recommended Action:**

Informational message, no action necessary.

#### **%NETFLOW-I-STOP stopped NetFlow Service**

**Explanation:**

NetFlow Service has been stopped.

**Recommended Action:**

Informational message, no action necessary.

## **%NETFLOW-I-UPDATE updated NetFlow Service**

**Explanation:**

NetFlow configuration has been updated.

**Recommended Action:**

Informational message, no action necessary.

## **Warning Messages**

### **%NETFLOW-W-DECREASING\_MEMORY, The amount of memory being configured is less than the amount currently in use.**

**Explanation:**

The amount of memory configured with the **netflow set memory** command was changed to an amount less than the amount NetFlow is currently using. Attempts to track new flows will fail until the amount of memory NetFlow is using to track flows decreases below the new **netflow set memory** limit.

**Recommended Action:**

Increase the amount of memory NetFlow can use. Use the **netflow show statistics** command to see the system recommendation for NetFlow.

### **%NETFLOW-W-FLOW\_LIMIT, maximum flow memory limit crossed - insufficient memory.**

**Explanation:**

The amount of memory configured with the **netflow set memory** command is not sufficient to record this flow. No additional flows will be recorded.

**Recommended Action:**

Increase the amount of memory NetFlow can use. Use the **netflow show statistics** command to see what the system thinks NetFlow can be safely configure with.

**%NETFLOW-W-MEM\_TO\_LARGE, Current system memory usage indicates <kilobyte\_value> K is the maximum NetFlow memory configuration value allowable. The system is currently operating with <kilobyte\_value> K as the maximum NetFlow memory.**

**Explanation:**

The **netflow set memory** command was entered with a value higher than what the system calculated it should be set to.

**Recommended Action:**

The system automatically decreased the value entered to the value it calculated so no action is necessary.

**%NETFLOW-W-NO\_MEM, Unable to account flow - insufficient memory.**

**Explanation:**

The amount of memory configured with the **netflow set memory** command is not sufficient to account for all the flows being created on ports which have NetFlow enabled.

**Recommended Action:**

Increase the amount of memory NetFlow can use. Use the **netflow show statistics** command to see what the system thinks NetFlow can be safely configure with.

**%NETFLOW-W-NO\_SEND Could not send NetFlow information to NetFlow collector**

**Explanation:**

Attempts were made to send the NetFlow information to a NetFlow server but failed.

**Recommended Action:**

Check your network connection via **ping** or **traceroute**.

**NETFLOW-W-REC\_NO\_FOUND, netflow record not found in hash.**

**Explanation:**

A NetFlow record could not be reported because it could not be located in the flow hash table.

**Recommended Action:**

Contact Enterasys Technical support.

## **%NETFLOW-W-WORK\_CREATED worker thread already created**

**Explanation:**

This messages indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **Error Messages**

## **%NETFLOW-E-BAD\_BYTE\_CNT NetFlow received a bad byte count.**

**Explanation:**

NetFlow received a packet whose total byte count is smaller than the normal packet header size.

**Recommended Action:**

This can occur when the data rate for flows is too high for the configured **netflow set interval**. The interval must be small enough to allow the flow to be sampled before hardware packet counter reaches its limit (16777216 packets). Reduce the flow interval until this message no longer occurs.

## **%NETFLOW-E-CALLBACK\_FAIL callback failed**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETFLOW-E-CMDDEPRECATED, The 'netflow set memory-threshold' command is deprecated.**

**Explanation:**

This version of System Firmware does not support the **netflow set memory-threshold** command.

**Recommended Action:**

Delete the command from the config and use the **netflow set memory** command to limit the amount of memory NetFlow can use.

## **%NETFLOW-E-COLLECTORREQD Cannot remove the collector while NetFlow is enabled**

**Explanation:**

This message appears when a user attempts to comment out or remove the **netflow set collector** command while NetFlow is enabled. A collector must be configured if NetFlow is enabled.

**Recommended Action:**

To remove the collector, disable NetFlow.

## **%NETFLOW-E-CREATE\_TASK NUE\_Create\_Task failed: %s**

**Explanation:**

This message indicates that a system error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETFLOW-E-DIS\_TIMER unable to disable timer: %d**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETFLOW-E-EN\_TIMER unable to enable timer: %d**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NETFLOW-E-INVALID\_STATE invalid state in work loop, ignored,  
netflow\_status=%d mask=%x**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NETFLOW-E-NO\_CALLBACK no callback for timer: %d**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NETFLOW-E-NO\_SERVER cannot change configuration if a server is  
not configured**

**Explanation:**

A NetFlow server was not configured.

**Recommended Action:**

Configure a server using the NetFlow set server command.

**%NETFLOW-E-NO\_START cannot start NETFLOW Service if a server  
is not configured**

**Explanation:**

A NetFlow server was not configured.

**Recommended Action:**

Configure a server using the NetFlow set server command.

## **%NETFLOW-E-NO\_TIMERS no timers available**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETFLOW-E-RMONENABLED, Cannot start NetFlow Service if RMON Professional is set.**

**Explanation:**

NetFlow cannot run as long as RMON Professional is set.

**Recommended action:**

Disable RMON or do not configure RMON Professional. You cannot configure NetFlow Service and RMON Professional together because RMON Professional clears counters that NetFlow monitors.

## **%NETFLOW-E-SET\_TEG\_FLAG NUE\_Set\_TEG\_Flag failed for Process Work Event**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETFLOW-E-TIMER\_FAIL NU\_Create\_Timer failed: %s**

**Explanation:**

This message indicates that an internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.





# Chapter 43

## Netstat Error Messages

This chapter describes the error messages for the Netstat facility.

### Error Messages

#### **%NETSTAT6-E-FAMILY6 - Unknown address family: <string>**

**Explanation:**

A software component configured to manipulate IPV6 objects encountered a different family type.

**Recommended Action:**

Try re-executing the command. If problems persist, call Enterasys Technical Support.

#### **%NETSTAT-E-NLIST Unknown error during NLIST - please contact Technical Support**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support for information.

## **%NETSTAT6-E-NLIST6 - Unknown error during NLIST - please contact Technical Support**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETSTAT-E-NONLIST No NLIST found - please contact Technical Support**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support for information.

## **%NETSTAT6-E-PROTO6 - Unknown or uninstrumented protocol: <string>**

**Explanation:**

A software component configured to manipulate IPV6 objects encountered a different family type.

**Recommended Action:**

Try re-executing the command. If problems persist, call Enterasys Technical Support.

## **%NETSTAT-E-RTDUMP Internal Error while dumping the route table dump**

**Explanation:**

This message is displayed when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support for information.

## **%NETSTAT-E-RTDUMPALLOC Could not allocate <number> bytes for the route table dump**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support for information.

## **%NETSTAT-E-RTDUMPSIZ Internal Error while estimating route table dump size**

**Explanation:**

This message is displayed when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support for information.

## **%NETSTAT6-E-RTDUMP6 – Internal error while dumping the route table.**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETSTAT6-E-RTDUMPALLOC6 - Could not allocate <size> bytes for the route table dump.**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%NETSTAT6-E-RTDUMPSIZ6 - Internal Error while estimating route table dump size.**

**Explanation:**

This message appears when an internal system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 44

## Network Interface Driver Error Messages

This chapter describes the error messages for the Network Interface Driver facility.

### Error Messages

**%NI-E-DIAGQ Couldn't create DIAGNOSTIC Queue,  
sts=0x<hex\_number>, qptr=0x<hex\_number>**

**Explanation:**

This message appears when the system failed to allocate resources for a queue used in diagnostics.

**Recommended Action:**

Increase Control Module memory. If problem persists, contact Enterasys Technical Support.

**%NI-E-FBQ Couldn't initialize Free Buffer Queue**

**Explanation:**

This message appears when the system could not properly initialize the free buffer queue.

**Recommended Action:**

Contact Enterasys Technical Support to resolve the problem.

## Warning Messages

### **%NI-W-BAD\_PORT Tried to reassemble packets for a wrong port type**

**Explanation:**

This message appears when the NI driver tries to reassemble packets from ports that do not support oversized packets.

**Recommended Action:**

Contact Enterasys Technical Support.

## Fatal Messages

### **%NI-F-BADPRIO bad priority '<number>' in request**

**Explanation:**

This message appears when the Control Module encountered an unknown priority in one of the packets.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%NI-F-DBLALLOC Netbuf <num> allocated twice, first by <hex\_num> <hex\_num> <hex\_num> <hex\_num>, second by <hex\_num> <hex\_num> <hex\_num> <hex\_num>**

**Explanation:**

The router has detected an abnormal condition where a hardware component has given the same buffer to two different software entities.

**Recommended Action:**

Contact Enterasys Support and report the error message along with the core file.

**%NI-F-DBLALLOC2** Netbuf <num> double allocated by <hex\_num> <hex\_num> <hex\_num> <hex\_num>. Add system set nbuf debug to config.

**Explanation:**

The router has detected an abnormal condition where a hardware component has given the same buffer to two different software entities.

**Recommended Action:**

Add the command, **system set nbuf debug**, to your configuration and save to startup then reboot the router. Contact Enterasys Support and report the error message along with the core file.

**%NI-F-FREEQFULL** free buffer is unexpectedly full at priority '<number>'

**Explanation:**

This message appears when the network interface ASIC's (NIA) free buffer queue was corrupted.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NI-F-GETFAILED** No free netbufs are available for transmit

**Explanation:**

This message appears when the router attempted to transmit a packet from the Control Module and there was no network memory available.

**Recommended Action:**

Contact Enterasys Technical Support.

**%NI-F-HISRFAIL** failed to create driver HISR, sts=0x<hex\_number>

**Explanation:**

This message appears when the system failed to allocate resources for interrupt handling routines.

**Recommended Action:**

Increase Control Module memory. If problem persists, contact Enterasys Technical Support.

### **%NI-F-LISRFAIL failed to register driver LISR, sts=0x<hex\_number>**

**Explanation:**

This message appears when the system failed to allocate resources for interrupt handling routines.

**Recommended Action:**

Increase Control Module memory. If problem persists, contact Enterasys Technical Support.

### **%NI-F-QSENDFAIL queue send failed, sts=0x<hex\_number>**

**Explanation:**

This message appears when the Control Module was unable to send another packet due to a problem with the NIA send queue.

**Recommended Action:**

Contact Enterasys Technical support.



# Chapter 45

## NoSuppress (WAN) Error Messages

This chapter describes the error messages for the NoSuppress facility used by the WAN software.

### Informational Messages

#### **%NOSUPPRESS-I-DOWN frame-relay|ppp on port <port> is down**

**Explanation:**

The specified port is operationally down. This could be due to no cable being connected, the port was disabled by the user, or the frame relay or PPP connection has been lost.

**Recommended Action:**

Informational message. No action required.

#### **%NOSUPPRESS-I-MP\_DOWN PPP on <bundle> is up**

**Explanation:**

The specified MLP bundle has gone down. All of the ports in the bundle are closed.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-MP\_UP PPP on <bundle> is up**

**Explanation:**

The specified MLP bundle has been opened (i.e., negotiation successfully completed). At least one port in the bundle is opened.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-PPP\_MP\_PROTOCOL\_DOWN IP|IPX on <bundle> is down**

**Explanation:**

The specified PPP protocol has closed the connection for the specified MLP bundle.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-PPP\_MP\_PROTOCOL\_UP IP|IPX on <bundle> is up**

**Explanation:**

The PPP protocol has been opened (i.e., negotiations successfully completed) for the specified MLP bundle.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-PPP\_PROTOCOL\_DOWN IP|IPX|Bridging on port <port> is down**

**Explanation:**

The specified PPP protocol has closed the connection for the specified port.

**Recommended Action:**

Informational message. No action required.

**%NOSUPPRESS-I-PPP\_PROTOCOL\_UP IP|IPX|Bridging on port <port> is up**

**Explanation:**

The specified PPP protocol has been opened (i.e. negotiation successfully completed) for the specified port.

**Recommended Action:**

Informational message. No action required.

**%NOSUPPRESS-I-PPP\_UNKNOWN\_PROTOCOL\_DOWN ppp protocol <number> on port <port> is down**

**Explanation:**

An unknown protocol with the given protocol number is down on the specified port.

**Recommended Action:**

Informational message. No action required.

**%NOSUPPRESS-I-PPP\_UNKNOWN\_PROTOCOL\_UP ppp protocol <number> on port <port> is up**

**Explanation:**

An unknown protocol with the given protocol number is up on the specified port.

**Recommended Action:**

Informational message. No action required.

**%NOSUPPRESS-I-UP frame-relay|ppp on port <port> is up**

**Explanation:**

The specified port is operationally up. Either frame relay or PPP was able to establish a connection.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-VC\_DOWN VC <number> on port <port> is down**

**Explanation:**

The message appears when the specified VC on the port is down.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-VC\_RANGE\_DOWN VCs <number> through <number> on port <port> are down**

**Explanation:**

The message appears when all of the VCs in the range have gone down. This takes the place of individual “down” messages for each VC.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-VC\_RANGE\_UP VCs <number> through <number> on port <port> are up**

**Explanation:**

The message appears when all of the VCs in the range have come up. This takes the place of individual “up” messages for each VC.

**Recommended Action:**

Informational message. No action required.

### **%NOSUPPRESS-I-VC\_UP VC <number> on port <port> is up**

**Explanation:**

The message appears when the specified VC on the port is up.

**Recommended Action:**

Informational message. No action required.

# Chapter 46

## NTP Error Messages

This chapter describes the error messages for the NTP (Network Time Protocol) facility.

### Informational Messages

#### **%NTP-I-TIMESYNC Time synchronized to <time>**

**Explanation:**

This message appears when the X-Pedition router successfully synchronizes its clock with an NTP server when the user executes the **ntp synchronize** command.

**Recommended Action:**

Informational message. No action necessary.

### Warning Messages

#### **%NTP-W-CNOTIMEZONE Time will not be set until timezone is configured; use 'clock timezone' to configure**

**Explanation:**

This warning message appears when the user is in Common CLI mode and attempts to configure an NTP server without first configuring the local timezone.

**Recommended Action:**

Configure the local timezone in Common CLI mode using the Configuration mode command **clock timezone**.

## **%NTP-W-NOSERVER No NTP server is configured on the server list**

**Explanation:**

This warning message appears when no server is included on the NTP server list.

**Recommended Action:**

Check to make sure you included at least one server on the NTP server list.

## **%NTP-W-NOTIMEZONE Time will not be set until timezone is configured; use 'system set timezone' to configure**

**Explanation:**

This warning message appears when the user attempts to configure an NTP server without first configuring the local timezone.

**Recommended Action:**

Configure the local timezone using the Configuration mode command **system set timezone**.

## **%NTP-W-TOOMANYSERVERS More than <number> NTP servers are configured; only the first <number> servers on the list will be used.**

**Explanation:**

This warning message appears when the maximum number of NTP servers is exceeded when configuring an NTP server list, and only the first maximum number of NTP servers will be used.

**Recommended Action:**

Check to make sure no more than maximum number of NTP servers are included on the NTP server list.

## **%NTP-W-UNKWNHOST Unknown host: <hostname>**

**Explanation:**

This message appears when the X-Pedition router is unable to resolve the NTP server's hostname.

**Recommended Action:**

Check to make sure you typed in the correct NTP server name or DNS is configured correctly to resolve the name.

## Error Messages

### **%NTP-E-BADSRCIP No such interface address: <ip-address>**

**Explanation:**

This message appears when the user specifies a source IP address for NTP requests that doesn't belong to any known interface address on the X-Pedition router. The source IP address for NTP is configured using the **ntp set server source** command.

**Recommended Action:**

Make sure the source IP address is one of the X-Pedition router's interfaces.

### **%NTP-E-CNOTIMEZONE Timezone is not set; use 'clock timezone' to configure**

**Explanation:**

This message appears when the user is in Common CLI mode and the X-Pedition router attempts to synchronize time with a NTP server but the local timezone information is not configured.

**Recommended Action:**

Configure the local timezone in Common CLI mode using the Configuration mode command **clock timezone**.

### **%NTP-E-NORESPONSE No response from NTP server: %s**

**Explanation:**

This error message appears when the X-Pedition router does not get a response from this NTP server to synchronize its clock.

**Recommended Action:**

Check to make sure the NTP server is reachable from the X-Pedition router.

## **%NTP-E-NOTIMEZONE Timezone is not set; use 'system set timezone' to configure**

### **Explanation:**

This message appears when the X-Pedition router attempts to synchronize time with a NTP server but the local timezone information is not configured.

### **Recommended Action:**

Configure the local timezone using the Configuration mode command **system set timezone**.

## **%NTP-E-SETTIME Unable to set system time**

### **Explanation:**

This message appears in the following situations:

- If the X-Pedition router receives an NTP response packet with invalid time information. This usually means that the server is not ready to synchronize time with a client. For example, the NTP server just started or lost its connection with its peer or its next NTP server.
- If the user inputs invalid timezone or time offset information using the Configuration mode command “system set timezone.”

### **Recommended Action:**

If this error occurred because the NTP server just started, wait a few minutes for the server to stabilize. The message should disappear once the NTP server is responding correctly. If this error occurred because of using the command “system set timezone,” check to make sure that you entered valid timezone or time offset information.

## **%NTP-E-STRATUM Bad stratum <number>, NTP server not ready to synchronize**

### **Explanation:**

The X-Pedition router received an NTP response with a bad stratum. This usually means that the server is not ready to synchronize time with a client, for example, the NTP server just started or lost its connection with its peer or its next stratum NTP server.

### **Recommended Action:**

If this error occurs because the NTP server just started, wait a few minutes for the NTP server to stabilize. The message should disappear once the NTP server is responding correctly.



## **%NTP-E-UNKWNHOST Unknown host: %s**

### **Explanation:**

This message appears when the X-Pedition router attempts to synchronize time with an NTP server but the router is unable to resolve the NTP server's hostname.

### **Recommended Action:**

Check to see that the correct NTP server name is entered and DNS is configured correctly.

## **%NTP-E-VERSION, NTP version '%d' not supported**

### **Explanation:**

The X-Pedition router received an NTP response packet with an invalid version number (i.e., smaller than 1 or larger than 3). This may result from the NTP server starting or by a corrupted packet received during transmission.

### **Recommended Action:**

Wait a few minutes for the server to stabilize or try a different NTP server. If the problem persists, contact Enterasys Technical Support.



# Chapter 47

## OSPF Error Messages

This chapter describes the error messages for the Open Shortest Path First facility.

### Informational Messages

#### **%OSPF-I-ADVRTR Advertising Router: <ip address>**

**Explanation:**

This message helps the user identify which router is advertising the received Router LSA located within a link state update packet.

**Recommended Action:**

Informational message only, no action necessary.

#### **%OSPF-I-LINK type: <name> Link Id: <ip address> LinkData: <ip address>**

**Explanation:**

A link that has been advertised within a received Router LSA.

**Recommended Action:**

Informational message only, no action necessary.

## **%OSPF-I-RECFG Reconfiguring the router to restart OSPF.**

**Explanation:**

The X-Pedition routing process is being reinitialized to reconfigure OSPF.

**Recommended Action:**

Informational message only, no action necessary.

## **%OSPF-I-ROUTERIDFOUND OSPF Router Id found: <string>**

**Explanation:**

This message informs the user that the router ID OSPF is going to use was found.

**Recommended Action:**

Information message only, no action necessary.

## **%OSPF-I-UPDATE Update received from <ip address> on interface <if name>.**

**Explanation:**

A link-state update packet was received from one of the router's neighbors on the specified interface.

**Recommended Action:**

Informational message only, no action necessary.

## **Warning Messages**

### **%OSPF-W-BACKBONENOTCFG "Multiple areas configured with no virtual link connection to the backbone. Be aware that this router will not act as an ABR."**

**Explanation:**

The router has 2 or more areas configured but is not connected to the backbone or has a virtual connection to the backbone. Under these conditions it cannot act as an ABR.

**Recommended Action:**

To act as an ABR, reconfigure the areas to gain a backbone connection.

**%OSPF-W-IFIPDOESNTEXIST, WARNING: Interface IP <ip address> has not been created.**

**Explanation:**

This message appears if the user adds an undefined interface by type IP address to OSPF.

**Recommended Action:**

Check the configuration to determine if the interface was defined properly.

**%OSPF-W-IFNAMEDOESNTEXIST, WARNING: Interface name <if name> has not been created.**

**Explanation:**

This warning message is given if the user adds an undefined interface by type interface name to OSPF.

**Recommended Action:**

Check the configuration to determine if the interface was defined properly.

## Error Messages

**%OSPF-E-AREACFGDSTUBANDNSSA "Area %s cannot be configured as both a stubby and not-so-stubby area."**

**Explanation:**

An attempt was made to configure an area as both a stubby and not-so-stubby area.

**Recommended Action:**

Configure the area as a stubby area or NSSA, not both.

**%OSPF-E-AREAEXISTS Area <area\_name> already exists.**

**Explanation:**

An OSPF area was defined multiple times (e.g., “area backbone” and “area 0.0.0.0”).

**Recommended Action:**

Remove one of the extra area definitions.

### **%OSPF-E-AREANOTFOUND Area <area\_name> is not a known area.**

**Explanation:**

An OSPF command refers to an undefined area.

**Recommended Action:**

Modify the command so that it refers to an existing area, or create the undefined area.

### **%OSPF-E-AREAOVFL No memory for creating areas**

**Explanation:**

This error message is displayed when the command to create an area failed due to a memory allocation error.

**Recommended Action:**

Try executing the command again. If problem persists, contact Enterasys Technical Support.

### **%OSPF-E-BBONEZEROINTFSZero interfaces (including virtual links) in backbone area.**

**Explanation:**

No interfaces have been added into the backbone (0.0.0.0) area.

**Recommended Action:**

Add at least one interface to the backbone (0.0.0.0) area.

### **%OSPF-E-DEADLESSTHANHELLORouter dead interval is less than hello interval for interface <name or ip address>.**

**Explanation:**

The router dead interval is less than the hello interval for a specific interface.

**Recommended Action:**

Verify interval values and re-enter the command.

**%OSPF-E-DESTEXISTS Destination <name> exists.****Explanation:**

This message appears when someone tries to add an OSPF-Monitor destination that already exists.

**Recommended Action:**

If you want to change the authentication key associated with an existing destination, then delete the existing destination and add the destination again with the new key.

If you want to query an OSPF router with a different authentication key, then simply specify the destination and authentication-key with the **ospf-monitor** command.

**%OSPF-E-DVMRPCONFLICT Cannot configure OSPF Multicast with DVMRP enabled.****Explanation:**

OSPF multicast cannot be started when DVMRP is running.

**Recommended Action:**

Disable DVMRP and start OSPF multicast.

**%OSPF-E-EXIT OSPF task terminated****Explanation:**

This error message appears when the X-Pedition router terminates an OSPF task and is unable to automatically rectify the problem through reinitialization/reconfiguration.

**Recommended Action:**

Ensure that the OSPF task in question is valid; that OSPF has been enabled for the X-Pedition router; and that the router has an appropriate router identification number.

**%OSPF-E-IFEXISTS Interface <interface\_name> exists in area <area\_name>.****Explanation:**

An interface has been configured that already exists in the specified area.

**Recommended Action:**

Verify interface name and re-enter command.

**%OSPF-E-IFNEXISTS <interface\_name> is not a known OSPF interface. Either the interface has not been added to OSPF or <interface\_name> does not match the name or ip-address used to add the interface to OSPF.**

**Explanation:**

An OSPF parameter was configured for an interface that is not recognized by OSPF.

**Recommended Action:**

Verify that the interface in question was added to OSPF and that the interface name or IP-address used by the offending command is identical to that used to add the interface to OSPF.

**%OSPF-E-IFNOTFOUND <interface\_name> is not a known interface in area <area\_name>.**

**Explanation:**

An OSPF parameter has been configured for an interface that does not exist.

**Recommended Action:**

Verify interface name and re-enter command.

**%OSPF-E-IFSALREADYADDED Could not add "all" interfaces to area <area-name>. Interfaces have already been added to OSPF areas.**

**Explanation:**

A user attempted to add an interface to more than one OSPF area.

**Recommended Action:**

Verify which interfaces need to be added to OSPF and re-enter the command.

**%OSPF-E-IMPBBONEFAIL Failed to implicitly create the backbone area.**

**Explanation:**

This message appears when the X-Pedition router experiences an internal error while attempting to implicitly create a backbone area.

**Recommended Action:**

Contact Enterasys Technical Support.



**%OSPF-E-INSUFFAREASFORVLINK Vlinks present. Number of areas (<number>) with valid configuration less than 2.**

**Explanation:**

An OSPF virtual link has been configured. There must be at least 2 valid areas configured (backbone and one or more non-backbone areas).

**Recommended Action:**

Verify configuration of OSPF areas.

**%OSPF-E-INVASTAG AS Path tag (<number>) greater than 4095. tag\_value and as options ignored.**

**Explanation:**

This message appears when a tag value is out-of-range. A tag value must be between 0 and 4095, inclusive.

**Recommended Action:**

Adjust the tag value.

**%OSPF-E-INVCFG OSPF cannot run because of invalid configuration.**

**Explanation:**

This message appears when OSPF could not be started. A more detailed message is also displayed explaining the cause of the failure.

**Recommended Action:**

Refer to the more detailed message.

**%OSPF-E-INVMD5KEY Invalid MD5 key <key\_name> (len=<number>, max=<number>).**

**Explanation:**

This message appears when the MD5 key assigned to one of the OSPF interfaces is invalid.

**Recommended Action:**

Make sure that the length of the key is within the valid range.

**%OSPF-E-INVSIMPLEKEY Invalid simple key <key\_name> (len=<number>, max=<number>).**

**Explanation:**

This message appears when the simple key assigned to one of the OSPF interfaces is invalid.

**Recommended Action:**

Make sure that the length of the key is within the valid range.

**%OSPF-E-INVTRANSAREA Transit area cannot be the backbone or a stub area.**

**Explanation:**

An OSPF virtual link was misconfigured. The transit area defined is invalid (it cannot be the backbone or stub area).

**Recommended Action:**

Select an area different from the backbone as the virtual link's transit-area.

**%OSPF-E-KYWDALLUSED Could not add interface <interface-name> to area <area-name>. The interface has already been added to area <area-name> using keyword "all".**

**Explanation:**

A user attempted to add an interface to more than one OSPF area.

**Recommended Action:**

Verify which interfaces need to be added to OSPF and re-enter the command.

**%OSPF-E-MATCHINGIDS "Cannot have matching MD5 authentication IDs."**

**Explanation:**

The primary and secondary keys in a key-chain have the same key identifier.

**Recommended Action:**

Change the key identifier of either of the keys to a different value.

**%OSPF-E-NBMANBEXISTS NBMA Nbr <NBMA\_name> already exists for interface <interface\_name>.****Explanation:**

Multiple instances of the same NBMA (Non-Broadcast Multi-Access) neighbor have been added to an interface.

**Recommended Action:**

Remove one of the duplicate NBMA neighbors.

**%OSPF-E-NBMAOVFLNo memory for creating nbma neighbors in interface <interface\_name>****Explanation:**

This error message appears when the command used to add an NBMA neighbor to an interface fails due to a memory allocation error.

**Recommended Action:**

Try executing the command again. If problem persists, contact Enterasys Technical Support.

**%OSPF-E-NBRNOTFOUND <NBMA\_name> is not a known nbma neighbor for interface <interface\_name>.****Explanation:**

Attempting to remove an NBMA neighbor from an interface. However, there aren't any records of this particular neighbor.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

**%OSPF-E-NETNOTFOUND <network\_name> is not a known network in area <area\_name>.****Explanation:**

Trying to disassociate a network from an area. However, the area has no previous knowledge about this network.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

## **%OSPF-E-NETWKOVFL No memory for creating networks in area.**

**Explanation:**

This error message appears when the command used to add a network to an area fails due to a memory allocation error.

**Recommended Action:**

Try executing the command again. If problem persists, contact Enterasys Technical Support.

## **%OSPF-E-NETWORKEXISTS Network <network\_name> already exists in area <number>.**

**Explanation:**

Multiple instances of the same network were added to an area.

**Recommended Action:**

Remove one of the duplicate **add network** commands.

## **%OSPF-E-NOPRIMARYKEY "No primary authentication key specified."**

**Explanation:**

The key-chain does not have a primary key specified.

**Recommended Action:**

Verify that a primary key has been specified for the key-chain.

## **%OSPF-E-NOROUTERID Router ID is not defined.**

**Explanation:**

This error message appears when the X-Pedition router attempts to use a router identification number that is undefined or otherwise invalid. Normally, the router will automatically derive the correct identification number from one of the IP addresses associated with an active network interface. If it is unable to do so, then this message will appear.

**Recommended Action:**

If no network interfaces are in an active state and the OSPF task exists, specify the router ID explicitly then resume normal operation.

## **%OSPF-E-NOSETPOLLINT Polling interval can only be set for Non-Broadcast interfaces.**

**Explanation:**

A poll interval was not set on a non-broadcast interface.

**Recommended Action:**

Remove the command or specify the interface type as non-broadcast.

## **%OSPF-E-NOSUCHTASK OSPF task does not exist.**

**Explanation:**

This error message appears when the X-Pedition router encounters an OSPF task that is undefined.

**Recommended Action:**

Ensure that the OSPF task in question is valid; that OSPF has been enabled for the X-Pedition router; and that the router has an appropriate router identification number.

## **%OSPF-E-NOTSTUBBBONE Backbone cannot be a stub area. Stub option ignored.**

**Explanation:**

This error message is displayed when the user attempts to set up the X-Pedition router as a stub area when it is already [part of] the backbone.

**Recommended Action:**

Ensure that you are specifying the correct stub attribute for the correct backbone area and re-enter the command(s) for the appropriate area.

## **%OSPF-E-NOVALIDAREA No OSPF Areas with valid configuration**

**Explanation:**

This message appears when the user could not start OSPF because all areas were misconfigured.

**Recommended Action:**

A more detailed error message is also displayed for each area's misconfiguration. Refer to the more detailed messages.

**%OSPF-E-NUMOFBIFERR Number of ifs mismatch (bcast <number> nbcast <number>) in area <area\_number>.**

**Explanation:**

The software component that manages OSPF area resources has detected an internal error.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

**%OSPF-E-OBJMISS OSPF object to be displayed must be specified.**

**Explanation:**

Insufficient information provided while executing the **ospf show** CLI command.

**Recommended Action:**

Choose a valid option while executing the **ospf show option** command.

**%OSPF-E-OPTALREADYSET Interface option <option-name> has already been set for interface <intf-name>.**

**Explanation:**

The interface option requested was already set in a previous command.

**Recommended Action:**

Verify which value to which the option should be set and re-enter the command.

**%OSPF-E-PRIMMD5KIDNOTSPEC "Primary MD5 key id not specified. Key id %d used."**

**Explanation:**

A key ID was not chosen for the primary key when it was configured. A default value was used.

**Recommended Action:**

No action is necessary if the default value used is acceptable; otherwise, recreate the primary key, including a key ID.

**%OSPF-E-RTRIDCHANGED Router ID changed.****Explanation:**

This error message informs the user that the router identification number has changed. Normally, the X-Pedition router will automatically derive the correct identification number from one of the IP addresses associated with an active network interface. If it is unable to do so, then this message will appear.

**Recommended Action:**

If no network interfaces are in an active state and the OSPF task exists, specify the router ID explicitly, then resume normal operation.

**%OSPF-E-SECMD5KIDNOTSPEC "Secondary MD5 key id not specified. Key id %d used."****Explanation:**

A key ID was not chosen for the secondary key when it was configured. A default value was used.

**Recommended Action:**

No action is necessary if the default value used is acceptable; otherwise, recreate the secondary key, including a key ID.

**%OSPF-E-SHOSTEXISTS Stub host <name> already exists in area <area\_number>.****Explanation:**

Multiple instances of the same stub-host have been added to an area.

**Recommended Action:**

Remove one of the duplicate stub-host commands.

**%OSPF-E-SHOSTNOTFOUND <stub-host\_name> is not a known stub host in area <area\_name>.****Explanation:**

Attempting to remove a stub-host from an area. However, there aren't any records of the stub-host in this area.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

### **%OSPF-E-SHOSTOVFL No memory for creating stub hosts in area <area\_number>**

**Explanation:**

This error message appears when the command used to add a stub host to an area fails due to a memory allocation error.

**Recommended Action:**

Try executing the command again. If problem persists, contact Enterasys Technical Support.

### **%OSPF-E-TRANSAREANOTFOUND Transit area <area\_name> is not a known area.**

**Explanation:**

An OSPF virtual link was misconfigured. The transit area defined is invalid.

**Recommended Action:**

Select a valid transit-area when defining the virtual-link.

### **%OSPF-E-TSKDELETED OSPF Task is in deleted state (flags=0x%x)**

**Explanation:**

This message is displayed when the user enters one of the OSPF show commands but the OSPF task is not running. The OSPF task may not be running because of one of the following reasons.

- OSPF is not enabled on the box.
- The OSPF configuration is invalid.
- Because the router-id was not explicitly specified, and there are no interfaces whose state is up.

**Recommended Action:**

Depending on the reason for the non-existence of the OSPF task, the user would have to rectify one of the three causes.

### **%OSPF-E-UNKNOWNIFTYPE, The supplied interface type is unknown.**

**Explanation:**

This message appears if the user adds an interface with an unknown type.

**Recommended Action:**

Check the configuration to determine if the interface was defined properly.



**%OSPF-E-VLINKEXISTS VLink with nbr <name> trans\_area <area\_name> already exists (id <name>).****Explanation:**

Multiple virtual links using the same transit-area and going to the same neighbor have been configured.

**Recommended Action:**

Remove one of the duplicate virtual links, or specify a different transit-area/neighbor.

**%OSPF-E-VLINKIDEXISTS VLink with id <name> already exists (trans\_area <area\_number> nbr <name>).****Explanation:**

Multiple virtual links using the same id have been created.

**Recommended Action:**

Use a unique id per virtual link.

**%OSPF-E-VLINKNOTFOUND Virtual link with id <name> is not found.****Explanation:**

The software component that manages OSPF area resources has detected an internal error.

**Recommended Action:**

If this message displays repeatedly, contact Enterasys Technical Support.

**%OSPF-E-VLINKOVFL No memory for creating virtual links****Explanation:**

This error message appears when the command used to add a virtual link fails due to a memory allocation error.

**Recommended Action:**

Try executing the command again. If problem persists, contact Enterasys Technical Support.

## **%OSPF-E-ZEROAREAS No OSPF Areas configured.**

**Explanation:**

This message appears when a user attempted to start OSPF without any configured areas.

**Recommended Action:**

Configure at least one OSPF area before starting.

## **%OSPF-E-ZEROINTFS No interfaces configured in area (<area\_number>). Area (<area\_number>) ignored.**

**Explanation:**

An OSPF area was defined, but there aren't any interfaces associated with it.

**Recommended Action:**

Remove unused OSPF area, or add interfaces to it.

# Chapter 48

## Phy\_POLL Error Messages

This chapter describes the error messages for the Phy\_POLL facility.

### Fatal Messages

**%PHY\_POLL-F-EVWAIT event wait failed with error '%d'**

**Explanation:**

The specified event failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PHY\_POLL-F-TMRCREATFAIL timer creation failed with error '%d'**

**Explanation:**

The timer creation failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PHY\_POLL-F-TMRSTARTFAIL failed to start timer '0x%x', error '%d'**

**Explanation:**

The indicated event failed to start the timer.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 49

## PIM Error Messages

This chapter describes the error messages for the PIM facility.

### Error Messages

**%PIM-E-BSRADDREXISTS, Sparse Component <name> is already configured with a BSR address.**

**Explanation:**

You attempted to assign an additional BSR address to the same component.

**Recommended Action:**

No action necessary.

**%PIM-E-BSROVFL, No memory for creating BSR specification in sparse component.**

**Explanation:**

There is not enough memory remaining to configure the router as a bootstrap router (BSR).

**Recommended Action:**

Disable features not in use and try again.

**%PIM-E-CRPADDREXISTS, Sparse Component <name> is already configured with a CRP address.**

**Explanation:**

You attempted to assign an additional C-RP address to the same component.

**Recommended Action:**

No action necessary.

**%PIM-E-CRPOVFL, No memory for creating CRP specification in sparse component.**

**Explanation:**

There is not enough memory remaining to configure the router as a candidate-RP (C-RP).

**Recommended Action:**

Disable features not in use and try again.

**PIM-E-DVMRPCONFLICT Cannot start PIM with DVMRP enabled.**

**Explanation:**

DVMRP and PIM cannot run simultaneously.

**Recommended Action:**

Stop DVMRP to run PIM.

**%PIM-E-DUPBSR, Sparse Component <name> is already configured with a BSR specification.**

**Explanation:**

You attempted to add BSR functionality to a component that already has it.

**Recommended Action:**

No action necessary.

**%PIM-E-DUPCRP, Sparse Component <name> is already configured with a CRP specification.**

**Explanation:**

You attempted to add C-RP functionality to a component that already has it.

**Recommended Action:**

No action necessary.

**%PIM-E-GRPEXISTS, Group <address>/<mask> is already specified in this sparse component.**

**Explanation:**

You attempted to alter C-RP group eligibility but the address/mask pair was already configured on the router.

**Recommended Action:**

No action necessary.

**%PIM-E-GRPNEXIST, Group <address>/<mask> is not specified in this sparse component.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PIM-E-GRPOVFL, No memory for creating CRP group in sparse component.**

**Explanation:**

There is not enough memory remaining to configure the C-RP group eligibility.

**Recommended Action:**

Disable features not in use and try again.

### **%PIM-E-IFNEXISTS, <interface> is not a known PIM interface.**

**Explanation:**

You attempted to configure interface-specific options on an interface you did not add to PIM.

**Recommended Action:**

Add the interface to PIM first. If the problem exists or if this message appears under any other circumstances, contact Enterasys Technical Support.

### **%PIM-E-IFOVFL, No memory for creating interface.**

**Explanation:**

There is not enough memory remaining to configure the interface for PIM.

**Recommended Action:**

Disable features not in use and try again.

### **%PIM-E-INVCFG, PIM cannot run because of invalid configuration.**

**Explanation:**

No PIM-configured component is available or the configured component is faulty.

**Recommended Action:**

Check to see that a PIM component exists or that an existing component is configured properly.

### **%PIM-E-L2\_ENABLED, L2 IGMP Snooping enabled on vlan <vlan-name>.**

**Explanation:**

An attempt was made to enable PIM on a VLAN which has Layer 2 IGMP snooping enabled.

**Recommended Action:**

Both PIM and Layer 2 IGMP snooping cannot be enabled on the same VLAN. Remove Layer 2 IGMP snooping on the VLAN before enabling PIM.



### **%PIM-E-NOSUCHTASK, PIM task does not exist.**

**Explanation:**

PIM was not running when you attempted to execute a **pim show** command.

**Recommended Action:**

No action necessary.

### **%PIM-E-NOVALIDCOMP, No PIM Components with valid configuration.**

**Explanation:**

The configured component used a faulty configuration.

**Recommended Action:**

Review the configuration and rectify any errors or omissions.

### **%PIM-E-RPEXISTS, RP for group <address>/<mask> is already specified in this sparse component.**

**Explanation:**

You attempted to add a static RP-mapping that already exists.

**Recommended Action:**

No action necessary.

### **%PIM-E-RPGRPNOTMULT, Group <address> is not a multicast address.**

**Explanation:**

You attempted to map a static RP to a group address that was not a multicast address.

**Recommended Action:**

No action necessary.

**%PIM-E-RPNEXIST, RP for group <address>/<mask> is not specified in this sparse component.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PIM-E-RPOVFL, No memory for creating RP in sparse component.**

**Explanation:**

There is not enough memory remaining to configure the static RP-mapping.

**Recommended Action:**

Disable features not in use and try again.

**%PIM-E-RPSET\_DEP\_NOT\_VALID, Dependency list for RP-set is not valid**

**Explanation:**

The (\*,G) and (S,G,RPT) entries that depend on this RP-set are currently invalid and cannot be displayed.

**Recommended Action:**

If this condition persists for more than 10-15 minutes, contact Enterasys Technical Support.

**%PIM-E-RSTTOOLow, Register suppression timeout must be > 2\*probe period.**

**Explanation:**

The register suppression timeout is set too low. The timeout value must be greater than twice the probe period or greater than 10 (if the probe period is not set).

**Recommended Action:**

Change the probe period or the register suppression timeout.

**%PIM-E-SIFEXISTS, Interface exists in Sparse Component <name>.****Explanation:**

You attempted to add an interface to PIM that was already added.

**Recommended Action:**

No action necessary.

**%PIM-E-SIFNOTFOUND, <interface> is not a known interface in Sparse Component <name>.****Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PIM-E-SPARSEEXISTS, Sparse Component <name> already exists (only one component is allowed).****Explanation:**

A component configured with the name listed already exists.

**Recommended Action:**

No action necessary.

**%PIM-E-SPARSEHASCRP, Sparse Component <name> has candidate-RP configuration. Configuration of static RPs is not allowed.****Explanation:**

Configuration including the keyword *crp-on*, *crp-off*, or *crp-addr* and a static RP set is not allowed.

**Recommended Action:**

Remove either the static RP set configuration or the configuration line containing the keyword *crp-on*, *crp-off*, or *crp-addr*.

**%PIM-E-SPARSEHASSTATICRP, Sparse Component <name> is configured with static RPs. Candidate-RP or bootstrap router configuration is not allowed.**

**Explanation:**

Configuration including the keyword *crp-on*, *crp-off*, *crp-addr*, *bsr-on*, *bsr-off*, or *bsr-addr* and a static RP set is not allowed.

**Recommended Action:**

Remove either the static RP set configuration or the configuration line(s) containing the keyword *crp-on*, *crp-off*, *crp-addr*, *bsr-on*, *bsr-off*, or *bsr-addr*.

**%PIM-E-SPARSEHASBSR, Sparse Component <name> has BSR configuration. Configuration of static RPs is not allowed.**

**Explanation:**

Configuration including the keyword *bsr-on*, *bsr-off*, or *bsr-addr* and a static RP set is not allowed.

**Recommended Action:**

Remove either the static RP set configuration or the configuration line containing the keyword *bsr-on*, *bsr-off*, or *bsr-addr*.

**%PIM-E-SPARSEIFOVFL, No memory for creating interface in sparse component.**

**Explanation:**

There is not enough memory remaining to configure the interface for PIM Sparse-Mode.

**Recommended Action:**

Disable features not in use and try again.

**%PIM-E-SPARSENOBSR, Sparse Component <name> is not configured as a BSR.**

**Explanation:**

You attempted to configure bootstrap router-related functionality (BSR) but the router's configuration makes it ineligible to function as a BSR.

**Recommended Action:**

Configure the router as a BSR before setting any BSR options. If this error appears under any other circumstances, contact Enterasys Technical Support.

**%PIM-E-SPARSENOCRP, Sparse Component <name> is not configured as a CRP.****Explanation:**

You attempted to configure a value related to candidate-RP (C-RP) functionality or alter C-RP group eligibility—the router is ineligible to function as a C-RP.

**Recommended Action:**

Configure the router as a C-RP before setting C-RP options. If this error appears under any other circumstances, contact Enterasys Technical Support.

**%PIM-E-SPARSENOTFOUND, Sparse Component <name> is not a known component.****Explanation:**

No component with the name specified exists.

**Recommended Action:**

Check the name or create a new component.

**%PIM-E-SPARSEOVFL, No memory for creating sparse components.****Explanation:**

There is not enough memory available to configure a PIM component.

**Recommended Action:**

Disable features not in use and try again.

**%PIM-E-SZEROINTFS, No interfaces configured in Sparse Component (<name>). Component (<name>) ignored.****Explanation:**

You configured a sparse component without adding any interfaces to it—the component was ignored.

**Recommended Action:**

Add interfaces to the component or remove the **pim start** command.

**%PIM-E-TSKDELETED, PIM task has been deleted (flags=<flags>).**

**Explanation:**

PIM was closing when you attempted to execute a **pim show** command.

**Recommended Action:**

No action necessary.

**%PIM-E-ZEROCOMPS, No PIM Components configured.**

**Explanation:**

There is not a PIM-configured component available.

**Recommended Action:**

Add a PIM component or remove the **pim start** command.

# Chapter 50

## Ping Error Messages

This chapter describes the error messages for the Ping facility. Refer to [Ping6 Error Messages on page 415](#) for a list of Ping6 error messages.

### Error Messages

**%PING-E-BADSIPV4ADDRESS “an IPv6 address was entered for sip when an IPv4 address was required.”**

**Explanation:**

To use a source IP address in ping, the address type for the destination must match the source type. For example, to ping an IPv4 address, an IPv4 address must be used for the source IP address, if entered.

**Recommended Action:**

Enter an IPv4 address instead of an IPv6 address for the source IP address when using ping with an IPV4 destination.

## **%PING-E-BADSIPV6ADDRESS “an IPv4 address was entered for sip when an IPv6 address was required.”**

### **Explanation:**

To use a source IP address in ping, the address type for the destination must match the source type. For example, to ping an IPv6 address, an IPv6 address must be used for the source IP address, if entered.

### **Recommended Action:**

Enter an IPv6 address instead of an IPv4 address for the source IP address when using ping with an IPV6 destination.

## **%PING-E-BADVALUE invalid value (must be between <number> and <number>)**

### **Explanation:**

This message is displayed when the user specified a value that is out of range.

### **Recommended Action:**

Type the value within the range specified in this error message.

## **%PING-E-NOIPV6ADDRESS This command requires an IPv6 address**

### **Explanation:**

No IPv6 address was entered on the command.

### **Recommended Action:**

Reenter the command with an IPv6 address.



# Chapter 51

## Ping6 Error Messages

This chapter describes the error messages for the Ping6 facility. Refer to [Ping Error Messages on page 413](#) for a list of Ping error messages.

### Warning Messages

**%PING6-W-BADCALL error from call to <string>, <string>.**

**%PING6-W-MSG <string>.**

**%PING6-W-SETSOCK setsocket error, <string>, <string>.**

**Explanation:**

These messages report an error about an event that occurred in ping. Additional information is provided by <string>.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## Error Messages

### **%PING6-E-BADCALL error from call to *<string>*, *<string>*.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%PING6-E-BADVALUE invalid value (must be between *<number>* and *<number>*).**

**Explanation:**

A bad numerical value was entered.

**Recommended Action:**

Enter a value in the correct range.

### **%PING6-E-GETADDR getaddrinfo error *<string>*.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%PING6-E-IFNOTFOUND interface *<interface>* not found.**

**Explanation:**

This message reports an error about an event that occurred in ping. The actual cause or significance of the message depends on the specific information contained therein.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## **%PING6-E-INPUT input error.**

**Explanation:**

This message reports an error about an event that occurred in ping. The actual cause or significance of the message depends on the specific information contained therein.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## **%PING6-E-MSG <string>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## **%PING6-E-NORTTOHOST no route to host.**

**Explanation:**

There is no route to the host to be pinged.

**Recommended Action:**

A valid host name must be entered. Verify there is a route to the host.

## **%PING6-E-RTHDR can't initialize route header.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## **%PING6-E-SETSOCK setsocket error, <string>, <string>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%PING6-E-SRCADDRNOTSP “the input source address is not specified on any interface.”**

**Explanation:**

An invalid source IP address was entered. The address used must be configured on an interface.

**Recommended Action:**

Use an address that is already configured on an interface or configure one to use.

**%PING6-E-UDPCONNECT UDP connect error <number>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

# Chapter 52

## POLICY Error Messages

This chapter describes the error messages for the POLICY facility.

### Warning Messages

**%POLICY-W-PROTOMETIGN Invalid metric value (<*number*>) for <*address*> is ignored.**

**Explanation:**

This message is displayed when the user specifies a metric for the export-source or filter that does not coincide with the given protocol. The metric assignment has been ignored.

**Recommended Action:**

If you desire a different behavior on the export-source or filter in question, re-enter the command with a metric that coincides with the given protocol.

## Error Messages

### %POLICY-E-AGGRGENINVALIDOPT

**Explanation:**

An invalid set of options was specified on an **ip-router policy create aggr-gen-dest** command. The **noinstall** option is not allowed when **type aggregate** is specified. The **bgp** or **brief** option is not allowed when **type generation** is specified.

**Recommended Action:**

Review the **ip-router policy create aggr-gen-dest** commands and correct the configuration.

### %POLICY-E-AGGRGENOPTONLYBGP

**Explanation:**

An invalid set of options was specified on an **ip-router policy create aggr-gen-source** command. The **autonomous-system** or **aspath-regular-expression** option is not allowed unless **protocol bgp** is specified.

**Recommended Action:**

Review the **ip-router policy create aggr-gen-source** commands and correct the configuration.

### %POLICY-E-ASPATHALLOCFAIL Malloc failed for aspath.

**Explanation:**

This error message is displayed when the X-Pedition routing process is unable to allocate the necessary memory for autonomous system path (Aspath) specification.

**Recommended Action:**

Contact Enterasys Technical Support.

### %POLICY-E-ASPATHNULL AS Path is null.

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-ATTRIBUTEEXISTS Attribute *<name>* exists in attribute list *<name>*.**

**Explanation:**

An attribute of the same type and value already exists in the indicated Attribute List.

**Recommended Action:**

Delete the existing attribute entry from the indicated Attribute List and add the updated attribute entry.

**%POLICY-E-ATTRIBUTEOVFL No more free attributes max *<number>* current *<number>* in list *<name>***

**Explanation:**

The maximum number of entries is already present in an attribute list.

**Recommended Action:**

Delete an existing attribute entry from the indicated Attribute List and add the new attribute entry.

**%POLICY-E-ATTRLISTIDEXIST Attribute list *<name>* already exists.**

**Explanation:**

An attempt was made to create an Attribute List with an identifier that is the same as an existing Attribute List.

**Recommended Action:**

Delete the existing attribute list or give the new attribute list a different identifier.

**%POLICY-E-ATTRLISTNOTFOUND Attribute list with id *<number>* not found.**

**Explanation:**

A reference was made to a non-existent attribute list.

**Recommended Action:**

Create a new attribute list and add the needed entries into it.

**%POLICY-E-ATTRLISTOVFL No more free attribute lists max  
<number> current <number>**

**Explanation:**

Maximum number of attribute lists have already been created.

**Recommended Action:**

Delete an existing attribute list. Add the new attribute list.

**%POLICY-E-BGPEXPDSTEXIST: BGP Export destination %s and %s  
have identical contents**

**Explanation:**

Two BGP Export destinations are of the same kind.

**Recommended Action:**

Use the previously defined BGP Export Destination.

**%POLICY-E-COMMNONEONLY**

**Explanation:**

The keyword **none** was used in an **ip-router policy create/add optional-attribute-list** command which contains other communities. This keyword specifies an empty set of communities, and may not be used with other communities.

**Recommended Action:**

Review the **ip-router policy create/add optional-attribute-list** commands and correct the configuration.

**%POLICY-E-EXPDSTIDEXIST Export destination <name> already  
exists.**

**Explanation:**

Multiple export destination policies have been created, and at least 2 of them were assigned the same identifier.

**Recommended Action:**

Use a unique identifier for each export destination entry.



**%POLICY-E-EXPDSTNOTFOUND Export destination <name> not found.**

**Explanation:**

A routing policy command refers to an invalid (non-existent) export-destination identifier.

**Recommended Action:**

Select a valid identifier.

**%POLICY-E-EXPDSTOVFL No more free export destinations max <number> current <number>**

**Explanation:**

The maximum number of export-destination policy entries has been reached.

**Recommended Action:**

If possible, remove unused export-destination policy entries.

**%POLICY-E-EXPPOLICYOVFL No more free export policies (max <number> current <number>).**

**Explanation:**

The maximum number of export policies has been reached.

**Recommended Action:**

If possible, remove unused export policy entries.

**%POLICY-E-EXPSRCFLTROVFL No more free route filters for this exported source max <number> current <number>**

**Explanation:**

The maximum number of route filters being exported from a single source (e.g. from RIP) has been reached.

**Recommended Action:**

If possible, remove unused route filters.

**%POLICY-E-EXPSRCIDEXIST Export source <name> already exists.**

**Explanation:**

Multiple export-source policies have been created, and at least 2 of them were assigned the same identifier.

**Recommended Action:**

Use a unique identifier for each export-source entry.

**%POLICY-E-EXPSRCNOTFOUND Export source <name> not found.**

**Explanation:**

A routing policy command refers to an invalid (non-existent) export-source identifier.

**Recommended Action:**

Select a valid identifier.

**%POLICY-E-EXPSRCOVFL No more free export sources max <number> current <number>**

**Explanation:**

The maximum number of export-source policy entries has been reached.

**Recommended Action:**

If possible, remove unused export-source policy entries.

**%POLICY-E-FILTERIDEXIST Route Filter <name> already exists.**

**Explanation:**

Multiple route filters using the same identifier have been configured.

**Recommended Action:**

Use a unique identifier per route filter entry.

**%POLICY-E-FILTERNOTFOUND Filter with id *<name>* not found.**

**Explanation:**

A routing policy command refers to an invalid (non-existent) filter identifier.

**Recommended Action:**

Select a valid filter identifier.

**%POLICY-E-FILTEROVFL No more free filters max *<number>* current *<number>***

**Explanation:**

The maximum number of route filters that can be configured has been reached.

**Recommended Action:**

Add multiple routes/networks to a single filter. When the maximum number of routes that can be added to one filter is reached, then create a new filter and add new routes to the new filter.

**%POLICY-E-FILTRDSRCOVFL No more free export-sources for this policy max *<number>* current *<number>***

**Explanation:**

The maximum number of export-source policy entries has been reached.

**Recommended Action:**

If possible, remove unused export-source policy entries.

**%POLICY-E-ILLEGALEXPORT Cannot export routes from protocol *<protocol name>* to protocol *<protocol name>***

**Explanation:**

Cannot export OSPF routes to OSPF.

**Recommended Action:**

Remove the command from the configuration.

## **%POLICY-E-IMPFLTNOTFOUND Implicit filter *<name>* not found**

**Explanation:**

This error message is displayed when the user attempts to specify an implicit filter name that is unrecognizable or undefined.

**Recommended Action:**

Ensure that you are specifying the appropriate filter name and/or the syntax is correct.

## **%POLICY-E-IMPFLTROVFL No more free implicit filters max *<number>* current *<number>***

**Explanation:**

The maximum number of implicit filters that can be configured has been reached.

**Recommended Action:**

Add multiple routes/networks to a single filter. When the maximum number of routes that can be added to one filter is reached, then create a new implicit filter and add new routes to the new implicit filter.

## **%POLICY-E-IMPOPTNOTVALID**

**Explanation:**

An **ip-router policy import source** command was created with invalid options. The **fromribs** option is not valid when the import source is not a **bgp-import-source**.

**Recommended Action:**

Review the **ip-router policy import source** commands and correct the configuration.

## **%POLICY-E-IMPPOLICYOVFL No more free import policies max *<number>* current *<number>***

**Explanation:**

The maximum number of import policies has been reached.

**Recommended Action:**

If possible, remove unused import policy entries.

**%POLICY-E-IMP\_SRCFLT\_OVF No more free route filters for this imported source max <number> current <number>.**

**Explanation:**

The maximum number of route filters being imported from a single source (e.g., from RIP) has been reached.

**Recommended Action:**

If possible, remove unused route filters.

**%POLICY-E-IMP\_SRCID\_EXISTS Import source <name> already exists.**

**Explanation:**

Multiple import sources have been created. At least two of them were assigned the same identifier.

**Recommended Action:**

Use a unique identifier when creating import sources.

**%POLICY-E-IMP\_SRCNOT\_FOUND Import source <name> not found.**

**Explanation:**

A routing policy command refers to an invalid (non-existent) import-source identifier.

**Recommended Action:**

Select a valid identifier.

**%POLICY-E-IMP\_SRC\_OVF No more free import sources max <number> current <number>.**

**Explanation:**

The maximum number of import-source policy entries has been reached.

**Recommended Action:**

If possible, remove unused import-source policy entries.

**%POLICY-E-INVEXPPLCYIDX Invalid export policy index (max <number> index <number>).**

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-INVFLTRDSRCIDX Invalid filtered-source index (max <number> index <number>).**

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-INVIMPFLTIDX Invalid implicit filter index (max <number> index <number>).**

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-INVIMPFLTRIDX Invalid source-filter index (max <number> index <number>).**

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-INVIMPPLCYIDX Invalid import policy index (max <number> index <number>).**

**Explanation:**

An internal error has occurred in the X-Pedition routing process.

**Recommended Action:**

Contact Enterasys Technical Support.

**%POLICY-E-INVPROTOMET: Invalid metric value used (%d) for %s**

**Explanation:**

The value of metric used is beyond the bounds allowed by the protocol.

**Recommended Action:**

Use a metric value which is allowed by the protocol.

**%POLICY-E-INVSR CFLTRIDX Invalid source-filter index (max <number> index <number>).**

**Explanation:**

The maximum number of route filters that can be configured has been reached.

**Recommended Action:**

Add multiple routes/networks to a single filter. When the maximum number of routes that can be added to one filter is reached, then create a new filter and add new routes to the new filter.

**%POLICY-E-NETWKOVFL No more free networks max <number> current <number> in filter <name>**

**Explanation:**

The maximum number of networks that can be added to a filter has been reached.

**Recommended Action:**

Create a new filter and then add the desired network to the new filter.

**%POLICY-E-NETWORKEXISTS Network <network\_name> exists in filter <filter\_name>.**

**Explanation:**

Multiple networks have been added to a filter. Some of the configured networks are duplicates.

**Recommended Action:**

Remove one of the duplicate networks.

**%POLICY-E-NOASNUMEXPDST AS number required for exporting routes to BGP. Routes will not be exported to BGP.**

**Explanation:**

This error message is displayed when the user attempts to export routes to BGP with an undefined or otherwise invalid AS number association.

**Recommended Action:**

Ensure that you have associated a valid AS number with the routes you wish to export to BGP, then try again.

**%POLICY-E-NOASNUMEXPSRC AS number required for exporting BGP routes. BGP routes will not be exported.**

**Explanation:**

This error message is displayed when the user attempts to export BGP routes with an undefined or otherwise invalid AS number association.

**Recommended Action:**

Ensure that you have associated a valid AS number with the BGP routes you wish to export, then try again.

**%POLICY-E-NOTRSVDCOMM Community 0x<hex\_value> is not a reserved community.**

**Explanation:**

Community attribute values in the ranges 0x0000FFFF-0x00000000 and 0xFFFFFFFF-0xFFFFF0000 are reserved. Specified community is not a reserved community.

**Recommended Action:**

Enter a valid value for a reserved community.



**%POLICY-E-NUMOFEXPFLTERR Numof export filters mismatch (max <number> cur <number>).**

**Explanation:**

The software component that manages policy resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

**%POLICY-E-NUMOFEXPPLCYERR Numof export policy mismatch (max <number> cur <number>).**

**Explanation:**

The software component that manages policy resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

**%POLICY-E-OSPFEXPDSTEXIST: OSPF Export destination %s and %s have identical contents**

**Explanation:**

Two OSPF Export destinations are of the same kind.

**Recommended Action:**

Use the previously defined OSPF Export Destination.

**%POLICY-E-OSPFIMP\_SRCIDEXIST, OSPF import sources <name1> and <name2> have identical contents.**

**Explanation:**

This error message is received when trying to create two ospf import sources without specifying distinct tags.

**Recommended Action:**

Remove one of the commands from the configuration.

## **%POLICY-E-REDIRECTIMP\_SRCIDEXIST**

**Explanation:**

Two **ip-router policy create redirect-import-source** commands were configured with the same identifier.

**Recommended Action:**

Review the **ip-router policy create redirect-import-source** commands and correct the configuration.

## **%POLICY-E-RIEXPDESTEXIST: RIP Export destination %s and %s have identical contents**

**Explanation:**

Two RIP Export destinations are of the same kind.

**Recommended Action:**

Use the previously defined RIP Export Destination.

## **%POLICY-E-RIPIMP\_SRCIDEXIST, RIP import sources <name1> and <name2> have identical contents.**

**Explanation:**

This error message is received when trying to create two rip import sources for one interface.

**Recommended Action:**

Remove one of the commands from the configuration.

## **%POLICY-E-RSVDCOMMWKN Reserved community 0x<hex\_value> is Well Known.**

**Explanation:**

The reserved community value specified is well known.

**Recommended Action:**

Use the well-known community option to specify well-known communities.

# Chapter 53

## PPP Messages

This chapter describes the error messages for the Point-to-Point Protocol (PPP) facility.

### Warning Messages

**%PPP-W-RENEWCRYPTKEYS, The PPP encryption keys in the active configuration are obsolete. To improve the security of data sent over PPP links, you should create new PPP encryption keys.**

**Explanation:**

The PPP encryption keys currently in the active configuration are encrypted with a weaker scrambling algorithm. New versions of system firmware support an improved encryption algorithm which provides better security for storage of PPP encryption keys in the configuration file.

**Recommended Action:**

Configure new PPP encryption keys.

## Informational Messages

**%PPP-I-DEBUGENABLED- PPP debug has been turned on|off on port <port-name>**

**Example:**

PPP debug has been turned off on port so.4.2.

**Explanation:**

This is an informational message. It is displayed when PPP debugging is enabled or disabled on POS port.

**Recommended Action:**

Informational message. No action required.

**%PPP-I-PPPEVENT Port <port>: PPP event <event-name> for protocol <protocol-name>.**

**Example:**

Port so.3.1: PPP event NETWORK LAYER UP for protocol IP.

**Explanation:**

This is an informational message. It is displayed when the PPP protocol running on a POS port receives an event. For example, it is displayed when the PPP IPCP protocol layer receives the Network Layer Up event.

**Recommended Action:**

Informational message. No action required.

## Error Messages

### **% PPP-E-ALLOCFAILED-Could not allocate PPP structures for port <port-name>**

**Explanation:**

PPP could not initialize a POS port due to insufficient memory.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

### **%PPP-E-BINDFAILED-Could not bind PPP protocol to port <port-name>**

**Explanation:**

PPP failed to bind the PPP protocol to a POS port, due to an internal error.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

### **%PPP-E-KEYFILEFAILED, Failed to read or write to/from the PPP keyfile.**

**Explanation:**

An internal error occurred while encrypting or decrypting the PPP encryption keys in the configuration. PPP encryption may not function.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%PPP-E-NOMEM- Could not allocate memory while initializing PPP on port <port-name>**

**Example:**

Could not allocate memory while initializing PPP on port so.5.1

**Explanation:**

PPP could not initialize a POS port due to insufficient memory.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

## **%PPP-E-NOPORTCONFIG- No PPP Port Configuration on port <port-name>**

**Explanation:**

This error message is displayed when a PPP control packet is received on a port which is not configured for PPP.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

## **%PPP-E-NOPORTFORINIT- PPP initialization failed on port <port-number> because the port does not exist.**

**Explanation:**

This error message is displayed when the system attempts to initialize PPP on a port which has been removed on a system.

**Recommended Action:**

This message is not expected and is included as an extra precaution. Note message and contact Enterasys Technical Support.

**%PPP-E-NOPORTFORPPP- Attempting to set up PPP on port <port-number> which does not exist.**

**Explanation:**

This error message is displayed when the system attempts to initialize PPP on a port which has been removed on a system.

**Recommended Action:**

This message is not expected and is included as an extra precaution. Note message and contact Enterasys Technical Support.

**%PPP-E-NOPORTFORPROTO-Attempting to bring up <protocol-name> on port <port-number> which does not exist.**

**Explanation:**

This error message is displayed when a PPP event is received on a port which has been removed from the system.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

**%PPP-E-OUTOFBUFFERS- PPP could not allocate a network buffer**

**Explanation:**

This error message is displayed when PPP fails to obtain a network buffer required by it to transmit a PPP packet.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PPP-E-QFULL-Failed to send message to PPP queue. Reason: queue full.**

**Explanation:**

This error message represents an internal error in PPP processing.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

**%PPP-E-QSENDFAILED- Failed to send message to PPP queue. Reason:  
<code in hexadecimal>**

**Explanation:**

This error message represents an internal error in PPP processing.

**Recommended Action:**

Note message and contact Enterasys Technical Support.

**%PPP-E-RCVDLOOPBACK-Received looped-back packet on port <port-name>**

**Explanation:**

This error message is displayed when a loopback connection is detected on a POS port by the PPP protocol.

**Recommended Action:**

Please check the port for inadvertent loopback configuration.



# Chapter 54

## PTY Error Messages

This chapter describes the error messages for the PTY facility.

### Warning Messages

**%PTY-W-EVGBAD** PTY read or write tasks woke up but the event bits were not set.

**Explanation:**

Tasks woke up but corresponding event bits were not set.

**Recommended Action:**

Contact Enterasys Technical Support.

**%PTY-W-OVERFLOW** pty ring overflowed while interrupts were disabled

**Explanation:**

Output was lost because interrupts were disabled.

**Recommended Action:**

Enable interrupts.

## Fatal Messages

### **%PTY-F-EVGCREAT failed to create driver event group, sts=0x%x**

**Explanation:**

Memory resources unavailable.

**Recommended Action:**

Release memory resources.

### **%PTY-F-EVGGET failed to get events, sts=0x%x**

**Explanation:**

Memory resources unavailable.

**Recommended Action:**

Release memory resources.

### **%PTY-F-EVGSET failed to set events, sts=0x%x**

**Explanation:**

Memory resources unavailable.

**Recommended Action:**

Release memory resources.

### **%PTY-F-RINGGONE ring buffer vanished**

**Explanation:**

Memory resources unavailable.

**Recommended Action:**

Release memory resources.

# Chapter 55

## QOS Error Messages

This chapter describes the error messages for the Quality of Service facility.

### Informational Messages

#### **%QOS-I-MATCHINGENTRY Matching entry with equal priority exists**

**Explanation:**

This message appears when a matching flow exists with the same priority.

**Recommended Action:**

Informational message. No action necessary.

#### **%QOS-I-NOENTRY Entry does not exist**

**Explanation:**

This message appears when a matching flow does not exist.

**Recommended Action:**

Informational message. No action necessary.

## **%QOS-I-NOOP No action taken.**

**Explanation:**

This message appears when no action was taken.

**Recommended Action:**

Informational message. No action necessary.

## **%QOS-I-PRECEDENCEDEFAULT Precedence fields set to default**

**Explanation:**

Precedence fields set to default settings profile.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%QOS-W-NOREDSUPPORT RED is not supported on ports <port\_names>**

**Explanation:**

RED is not supported on the specified ports.

**Recommended Action:**

Obtain hardware that supports RED.

### **%QOS-W-VCNOTALLOWED VC is not allowed on this command**

**Explanation:**

You cannot specify a VC when specifying a WAN port for this command.

**Recommended Action:**

Specify a WAN port without any VCs.

## Error Messages

### **%QOS-E-DSTNETWORKNOTSPCFYD Specify a destination network for the destination mask**

**Explanation:**

This message appears when a destination network was not specified for the destination mask to apply.

**Recommended Action:**

Specify a destination network for the destination mask.

### **%QOS-E-FLOWEXISTS Another policy with same flow specifications already exists**

**Explanation:**

Another policy with the same flow specification exists

**Recommended Action:**

None.

### **%QOS-E-IFNOTFOUND <interface\_name>: no such interface**

**Explanation:**

This message appears when the specified interface does not exist.

**Recommended Action:**

Create the interface before specifying it.

### **%QOS-E-IPDSTMODEON IP destination based mode is on, qos profiles will not be set**

**Explanation:**

IP destination based mode is on, QOS profile will not be set. This is because source ip address or sockets are specified in the QOS profile.

**Recommended Action:**

Specify a QOS profile without sockets and source ip address.

**%QOS-E-IPHOSTFLOWMODEON IP host flow based mode is on, qos profiles will not be set**

**Explanation:**

IP host flow based mode is on, QOS profile will not be set. This is because sockets are specified in the QOS profile.

**Recommended Action:**

Specific a QOS profile without sockets.

**%QOS-E-IPXDSTMODEON IPX destination based mode is on, qos profiles will not be set**

**Explanation:**

IPX destination based mode is on, QOS profile will not be set. This is because source socket or source network is specified in the QOS profile.

**Recommended Action:**

Specify a QOS profile without sockets and source network address.

**%QOS-E-MAXQLEMINQ Maximum queue threshold is less than minimum queue threshold.**

**Explanation:**

The value entered for WRED max-queue-threshold is less than the value selected for the min-queue-threshold.

**Recommended Action:**

Enter the correct values.

**%QOS-E-NEGATEBWALLOC Negate the line QOS set weighted-fair control <number> high <number> medium <number> low <number> for port <port> before negating this line.**

**Explanation:**

The command line QOS set queueing-policy weighted-fair cannot be negated.

**Recommended Action:**

Negate the line QOS set weighted-fair control <number> high <number> medium <number> low <number> before negating the line QOS set queueing-policy weighted-fair.

## **%QOS-E-NOMEM processing error - insufficient memory**

**Explanation:**

This message appears when QOS is unable to allocate memory.

**Recommended Action:**

Try deleting old flows before trying to create new ones.

## **%QOS-E-NOREDSUPPORT RED is not supported on any of the ports**

**Explanation:**

RED is not supported on the port.

**Recommended Action:**

Get hardware that supports RED.

## **%QOS-E-NOTANIPINTF Not an IP interface**

**Explanation:**

The interface specified for the QOS IP flow is not an IP interface.

**Recommended Action:**

Specify an IP interface for the QOS IP flow.

## **%QOS-E-NOTANIPXINTF Not an IPX interface**

**Explanation:**

The interface specified for the QOS IPX flow is not an IPX interface.

**Recommended Action:**

Specify an IPX interface for the QOS IPX flow.

## **%QOS-E-NOTINL4BDGVLAN Port <port\_name> does not belong to an L4 bridged VLAN. Cannot apply QOS to it.**

**Explanation:**

The indicated port is not a member of a Layer 4 bridging VLAN.

**Recommended Action:**

Remove the port from the port list.

## **%QOS-E-NOTIPVLAN Port '%s' does not belong to an IP vlan**

**Explanation:**

Port is not a member of an IP vlan, but is specified as a part of an IP QOS profile.

**Recommended Action:**

Add the port to an IP vlan.

## **%QOS-E-NOTIPXVLAN Port '%s' does not belong to an IPX vlan**

**Explanation:**

Port is not a member of an IPX vlan, but is specified as a part of an IPX QOS profile.

**Recommended Action:**

Add the port to an IPX vlan.

## **%QOS-E-SAME\_PRECE No two fields can have the same precedence.**

**Explanation:**

Two of the fields entered for 'set qos precedence' command have the same priority.

**Recommended Action:**

Enter different precedence for each field.

## **%QOS-E-SPCFYFLOWFIELDS Specify flow fields**

**Explanation:**

This message appears when no flow fields were specified.

**Recommended Action:**

Specify at least one flow field.

## **%QOS-E-SRCNETWORKNOTSPCFYDSpecify a source network for the source mask**

**Explanation:**

This message appears when a source network was not specified for the source mask to apply.

**Recommended Action:**

Specify a source network for the source mask.



## **%QOS-E-VCNOTALLOWED VC is not allowed on this command**

**Explanation:**

You cannot specify a VC when specifying a WAN port for this command.

**Recommended Action:**

Specify a WAN port without any VCs.

## **%QOS-E-WFQNOTENABLED Weighted Fair Queuing policy not enabled on port <port>**

**Explanation:**

This message appears when the Weighted Fair Queuing policy was not enabled on the specified port.

**Recommended Action:**

Enable the Weighted Fair Queuing policy before setting bandwidth.

## **%QOS-E-WFQVALUESINCORRECTWeighted Fair Queuing bandwidth allocation values incorrect**

**Explanation:**

This message appears when the Weighted Fair Queuing bandwidth allocation values are incorrect.

**Recommended Action:**

The bandwidth allocation for the control, high, medium, and low queues should total 100.

## **%QOS-E-WRONGPRIOVALUE 1Q priority cannot be applied to interface**

**Explanation:**

This message appears when an invalid 802.1q priority is specified using the CLI.

**Recommended Action:**

Correct the CLI-specified priority value.



# Chapter 56

## RARPD Error Messages

This chapter describes the error messages for the RARPD facility.

### Informational Messages

**%RARPD-I-MAPNOTFOUND No mapping found for:**  
**<hardware\_address>:<IP\_address>**

**Explanation:**

An RARP request came to the X-Pedition router and no mapping was found that mapped the hardware address to an IP address.

**Recommended Action:**

Informational message. No action required.

**%RARPD-I-REPLY Reply sent on interface: %s, to  
%02X%02X%02X:%02X%02X%02X, IP address: %s, server-ip:  
%d.%d.%d.%d**

**Explanation:**

This message appears when the X-Pedition router replies to an RARP request, for example when it found a mapping and sent a reply.

**Recommended Action:**

Informational message. No action required.

## Warning Messages

**%RARPD-W-BADETHERSIP Bad ip address entry in ethers file: %**

**Explanation:**

If an ethers file exists on the boot flash, RARPD will read it. The ethers file consists of hardware address to ip-mappings. If there is a bad IP address, for example the format of it is wrong, this message is displayed.

**Recommended Action:**

Make sure the ethers file is correct.

**%RARPD-W-BADETHERSMAC Bad mac address entry in ethers file: %s**

**Explanation:**

If an ethers file exists on the boot flash, RARPD will read it. The ethers file consists of hardware address to ip-address mappings. If there is a bad hardware address, for example the format of it is wrong, this message is displayed.

**Recommended Action:**

Make sure the ethers file is correct.

**%RARP-W-IFNOTENABLED rarp request received from  
%02X%02X%02X:%02X%02X%02X on non-RARP enable interface:  
%s**

**Explanation:**

An RARP request was received by the X-Pedition router on an interface in which RARP is not enabled.

**Recommended Action:**

Enable RARP on the specific IP interfaces or all IP interfaces as part of the configuration.

**%RARP-W-NOHWADDR Hardware address,  
%02X%02X%02X:%02X%02X%02X, already deleted.**

**Explanation:**

When deleting or negating an rarp add hardware-address, this warning appears if the hardware address was not found in the internal list of added entries.

**Recommended Action:**

Verify that the current mappings are correct 'rarpd show mappings.'

## Error Messages

**%RARP-E-ALLCONFIGURED Command not allowed. RARP  
enabled on all interfaces.**

**Explanation:**

This error message is displayed when RARP is already enabled on all interfaces and an attempt is made to enable it on an additional interface.

**Recommended Action:**

Either negate the line where RARP has been enabled on all interfaces and reapply to all interfaces (or to a single interface).

## **%RARPD-E-ALLNOTALLOWED Command not allowed because RARPD is already enabled on at least one interface.**

### **Explanation:**

This error message is displayed if RARPD is already enabled on at least one interface and an attempt is made to enable RARPD on all interfaces.

### **Recommended Action:**

Negate the command just attempted, then negate the existing RARPD set interface commands. Once all RARPD set interface commands are negated, you may enter the RARPD **set interface all** command.

## **%RARPD-E-IFNOTFOUND Interface not found or not IP interface.**

### **Explanation:**

This error message is displayed when, the user is trying to set RARPD on an IP interface and the interface either doesn't exist, or it is not an IP interface. RARP operates on IP interfaces only.

### **Recommended Action:**

Verify that the interface being set is an IP interface.

## **%RARPD-E-NOMEM Unable to add new mapping. Not enough memory.**

### **Explanation:**

This error message is displayed when the user is trying to add an RARP mapping via the CLI and/or the ethers file and there isn't any memory left on the X-Pedition router.

### **Recommended Action:**

Release memory used by other facilities where possible.

## **%RARPD-E-SANITYCHK Failed rarp sanity check.**

### **Explanation:**

This error message is displayed when there is an error in the original RARP packet.

### **Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 57

## Rate Limit Error Messages

This chapter describes the error messages for the rate limit facility.

### Informational Messages

**%RL-I-CREATED Rate limit policy *<name>* has been successfully created for ACL(s) *<acl list>***

**Explanation:**

The rate limit policy has been created for the specified ACL(s).

**Recommended Action:**

Informational message. No action necessary.

**%RL-I-DELETED Rate limit policy *<name>* has been successfully deleted for ACL(s) *<acl list>***

**Explanation:**

The rate limit policy has been deleted for the specified ACL(s).

**Recommended Action:**

Informational message. No action necessary.

**%RL-I-INTERFACE Rate limit policy <name> has been successfully attached to/attached from <interface> interface**

**Explanation:**

The rate limit policy has been applied to the specified interface.

**Recommended Action:**

Informational message. No action necessary.

**%RL-I-LL\_CREATED Port level rate limit policy '%s' has been successfully created.**

**Explanation:**

Port level rate limit policy successfully created.

**Recommended Action:**

Informational message. No action necessary.

**%RL-I-LL\_DELETED Port level rate limit policy '%s' has been successfully deleted.**

**Explanation:**

Port level rate limit policy successfully deleted.

**Recommended Action:**

Informational message. No action necessary.

**%RL-I-NOALL No Rate limit policy applied to all IP interfaces**

**Explanation:**

There is no rate limit policy that is applied to all IP interfaces.

**Recommended Action:**

Informational message. No action necessary.



**%RL-I-VLAN\_CREATED** Vlan rate limit policy <name> has been successfully created for VLAN <name>.

**Explanation:**

Informational message only.

**Recommended Action:**

No action necessary.

**%RL-I-VLAN\_DELETED** Vlan rate limit policy <name> has been successfully deleted for VLAN <name>.

**Explanation:**

Informational message only.

**Recommended Action:**

No action necessary.

## Warning Messages

**%RL-W-IPONLY** Rate limit policy can be applied to IP ACLs only -- ignoring <acl list>

**Explanation:**

One or more specified ACLs are not IP ACLs.

**Recommended Action:**

Specify IP ACLs only.

## Error Messages

**%RL-E-ACLNOTFOUND** Rule <acl> not present

**Explanation:**

The specified ACL is not found.

**Recommended Action:**

Check the ACL name and make sure it exists.

### **%RL-E-ALREADY\_APPLIED The policy is already applied to the interface**

**Explanation:**

A rate limiting policy being applied to an interface is already applied to the same interface. A policy is applied to an interface explicitly using CLI command.

**Recommended Action:**

Make sure that the policy or one of its children policies is not applied to the interface to which the policy is being applied.

### **%RL-E-AGGRSUPPORTED Module on which Interface exists supports Aggregate rate limiting, you must use this instead of flow-aggregate**

**Explanation:**

The module on which the interface exists supports Aggregate rate limiting. When the hardware supports Aggregate rate limiting, you may not implement a Flow-aggregate rate limiting policy.

**Recommended Action:**

Create and apply an Aggregate rate limiting policy for this interface.

### **%RL-E-APPLIED Rate limit policy has other commands attached -- negate these commands first**

**Explanation:**

The rate limit policy that is being negated has other commands applied to it. This policy cannot be deleted before the other applied commands.

**Recommended Action:**

Negate the other commands that are applied to this policy before deleting this policy.

### **%RL-E-APS\_PROTECTION Port level rate limit policy cannot be specified on APS Protection port(s) <port>. Please specify only the APS Working port(s).**

**Explanation:**

Port level rate limiting is not allowed on APS Protection port(s).

**Recommended Action:**

Use the APS Working port(s) for the policy.

**%RL-E-BADINTF Parent applied on a port not in this interface****Explanation:**

One of the parent policies, of the policy being applied on an interface, is a link level policy configured on a port that is not in the interface to which this policy is being applied. If a child policy having link level as parent is being applied to an interface then port, on which the link level policy is configured, should be in the interface on which child policy is being applied.

**Recommended Action:**

Make sure that if this policy has a parent policy as link level policy or parent's parent is a link level policy then that policy is configured on a port that is in the interface to which this policy is being applied.

**%RL-E-BKTA\_INUSE Input Port Level Rate Limiting resources are in use by Aggregate Rate Limiting policies on modules <module\_name>. Please detach some aggregate policies from the modules.****Explanation:**

Resources needed for input port level rate limiting are being used by aggregate rate limiting policies on the specified modules.

**Recommended Action:**

Detach some aggregate policies from the modules.

**%RL-E-BKTUSED All resources (bucket) required by the policy <name> are in use.****Explanation:**

Resources needed, for this aggregate or default rate limiting policy to work, are already in use by some other rate limit policy.

**Recommended Action:**

Resources are shared among various link level and aggregate rate limit policies. If the resource is already in use then new aggregate or default rate limit policy can not be made to work. Please read Rate Limiting documentation to learn more about how it works and what its restrictions are.

### **%RL-E-CHILDEXISTS One or more children of this policy exist**

**Explanation:**

A rate limiting policy being deleted already has an existing child. All children policies need to be deleted before a policy can be deleted.

**Recommended Action:**

Make sure that you delete all the children policies of this policy before deleting this policy.

### **%RL-E-CHILDRATE\_ERR Incorrect rate. It should be less than or equal to parent's rate minus the sum of all peer's rate**

**Explanation:**

A child rate limiting policy is being created with a rate limit that is more than (parent's rate - sum of all peer's rate). Sum of rates of all children of the same policy should be less than or equal to parent's rate.

**Recommended Action:**

Make sure that the rate of policy being created is less than or equal to (parent's rate - sum of all peer's rate). Set rate of this policy so that when added to other children of the parent policy does not exceed rate of the parent policy.

### **%RL-E-DSTMODE One of the ACLs in this policy has src socket, dst socket or src address specified and *<interface>* has a port in Destination Flow Mode.**

**Explanation:**

Filters cannot be applied to ports in IP destination flow mode.

**Recommended Action:**

Change the mode for the offending port(s).

### **%RL-E-DUPLICATE Policy *<policy\_name>* already exists with the same acl and action.**

**Explanation:**

A duplicate policy was detected and the command was ignored.

**Recommended Action:**

Negate the duplicate policy.

**%RL-E-HASAPARENT This policy already has <name> as a parent.****Explanation:**

A Flow level rate limit policy that is being assigned a parent, already has a parent. A policy can have only one parent.

**Recommended Action:**

Do not assign a parent to this flow level policy as it already has one.

**%RL-E-HSTMODE One of the ACLs in this policy has src socket or src address specified and <interface> has a port in Host Flow Mode.****Explanation:**

Filters cannot be applied to ports in IP host flow mode.

**Recommended Action:**

Change the mode for the offending port(s).

**%RL-E-INAGGRMODE Cannot change rate limiting mode to ‘Per Flow’ (default mode) as there are Input Port Level policies or Aggregate rate limiting policies attached to interface/ports on modules <module\_name>. Please delete them before changing the mode.****Explanation:**

There are input port level policies or aggregate rate limiting policies attached to interface(s)/port(s) on the specified modules, so the rate limiting mode cannot be changed to per flow.

**Recommended Action:**

Remove the port level policy/aggregate rate limit from the interface(s)/port(s).

**%RL-E-INFLOWMODE Cannot change rate limiting mode to ‘Aggregate’ as there are Per Flow rate limiting policies configured. Please delete them before changing the mode.**

**Explanation:**

The X-Pedition router currently has some ‘Per Flow’ rate limiting policies configured and user is trying to change the mode. This is not allowed. Before changing the mode, all the policies in current mode should be deleted.

**Recommended Action:**

Delete all ‘Per Flow’ rate limiting policies before changing the mode to ‘Aggregate’.

**%RL-E-INTF\_ERROR Please check that interface <name> is working correctly**

**Explanation:**

Interface, to which a rate limiting policy is being applied, is not working properly.

**Recommended Action:**

Make sure that the interface, to which this policy is being applied, is up and working properly.

**%RL-E-INVALIDTYPE Policy <policy\_name> already exists as a different type.**

**Explanation:**

A policy cannot be redefined to a different type.

**Recommended Action:**

Use a unique name for the new policy.

**%RL-E-LEVEL\_ERR Parent policy for default policy should be at level 1**

**Explanation:**

A default policy is being created with a parent policy that is not at level 1. Only policies that are at level 1 or root can be parent of a default policy.

**Recommended Action:**

Make sure that the parent policy, of this default policy, is a level 1 or a root policy.

### **%RL-E-LL\_EXISTS Rate limit policy <name> already exists**

**Explanation:**

User is trying to create a rate limit policy using a name by which another policy already exists.

**Recommended Action:**

Make sure that the name used for the new rate limit policy is not the same as that of another rate limit policy.

### **%RL-E-MORECHAN Aggregate or Default rate limit policy can not be applied on interface that spans across multiple channels.**

**Explanation:**

Aggregate and default rate limit policies can not be applied to an interface that is configured on vlan or ports that are on more than one channel (slots).

**Recommended Action:**

Make sure that the interface, to which a policy is being applied, is configured on a vlan or ports that are on the same slot.

### **%RL-E-NO\_AGGR\_ON\_TRUNK Aggregate rate limiting not allowed on trunk port <port>.**

**Explanation:**

Aggregate rate limiting is not allowed on trunk ports.

**Recommended Action:**

Remove the port from the smart trunk.

### **%RL-E-NOAGGRAPPLY Aggregate rate limiting policy can not be applied to all interfaces.**

**Explanation:**

An aggregate rate limiting policy can not be applied to all IP interfaces. It can be applied to only a specific IP interface.

**Recommended Action:**

Make sure that you are not applying an aggregate rate limiting policy to all IP interfaces.

### **%RL-E-NOAGGRPARENT One of the parents is aggregate rate limiting policy and can not be applied to all interfaces**

**Explanation:**

Parent or parent's parent policy of the policy being applied to all interfaces is an aggregate rate limiting policy and can not be applied to all interfaces. Aggregate policies can not be applied to all interfaces.

**Recommended Action:**

If a policy is being applied to an interface then make sure that its parent or its parent's parent is not an aggregate rate limiting policy.

### **%RL-E-NOAGGRSUPPORT Modules, <module\_name> do not have support for Aggregate Rate Limiting.**

**Explanation:**

The specified modules do not support aggregate rate limiting.

**Recommended Action:**

Use per flow based rate limiting if appropriate.

### **%RL-E-NODEFAPPLY Default rate limiting policies can not be applied to all interfaces.**

**Explanation:**

A default rate limiting policy can not be applied to all IP interfaces. It can be applied to only a specific IP interface.

**Recommended Action:**

Make sure that you are not applying a default rate limiting policy to all IP interfaces.

### **%RL-E-NOINTF No interfaces exist.**

**Explanation:**

There are no IP interfaces configured in the system.

**Recommended Action:**

When a rate limit policy is applied to ALL interfaces, make sure that at least one IP interface exists.



## **%RL-E-NOMEM Processing error -- out of memory <string>**

**Explanation:**

The system is out of memory.

**Recommended Action:**

Expand existing memory and try again. If problem persists, contact Enterasys Technical Support.

## **%RL-E-NONIPIF Cannot apply rate limit policy to non IP interface <name>**

**Explanation:**

The interface to which the rate limit policy is being applied is a non-IP interface.

**Recommended Action:**

Apply the rate limit policy to an IP interface.

## **%RL-E-NOPARENT No parent to take remaining rate from**

**Explanation:**

A default rate limiting policy is being created without a parent. Default policies need to have parents to borrow the remaining rate from.

**Recommended Action:**

Specify a parent policy for the default policy being created.

## **%RL-E-NOPOLICY No rate limit policy applied to interface <name>**

**Explanation:**

No rate limit policy is applied to the specified interface.

**Recommended Action:**

Specify an interface to which a rate limit policy is applied.

## **%RL-E-NOPORTINFO No information for interface <name>**

**Explanation:**

There is no information available for the specified interface.

**Recommended Action:**

Make sure that the interface exists.

## **%RL-E-NOPORTSVLAN There are no ports currently tied to vlan <name>.**

**Explanation:**

User is trying to apply a vlan rate limit policy to a vlan that has no ports tied to it.

**Recommended Action:**

Make sure that the specified vlan has active ports tied to it.

## **%RL-E-NOSUCHIF Interface <name> does not exist**

**Explanation:**

The specified interface does not exist.

**Recommended Action:**

Check the interface name and make sure it exists.

## **%RL-E-NOSUCHMODULE Invalid or unoccupied module number specified: <module\_number>.**

**Explanation:**

The specified module number is invalid or contains no module.

**Recommended Action:**

None.

### **%RL-E-NOSUCHRULE Could not find rate limit policy <name>**

**Explanation:**

The specified rate limit policy name does not exist.

**Recommended Action:**

Make sure that the rate limit policy name is valid.

### **%RL-E-NOSUCHVLAN Vlan <name> does not exist.**

**Explanation:**

The specified VLAN is not found.

**Recommended Action:**

Check the VLAN name and make sure it exists.

### **%RL-E-NOTINAGGRMODE Modules on which Interfaces/Ports exist are not in 'Aggregate' Rate Limiting mode. To change the mode use the 'system enable aggregate-rate-limiting' command.**

**Explanation:**

Modules for aggregate rate limited interfaces must be in aggregate rate limiting mode.

**Recommended Action:**

Use the 'system enable aggregate-rate-limiting' command.

### **%RL-E-NOTAGGRORFLOW Policy <name> is not an aggregate or a flow or a default policy**

**Explanation:**

Rate limiting policy that is being applied to an interface is not an aggregate or a flow or a default policy. Only these type of policies can be applied to an interface.

**Recommended Action:**

Make sure that the policy being applied to an interface is one of the above types.

**%RL-E-NOTAPARENT Policy <name> can not be a parent. Only aggregate and input link level policies can be parents.**

**Explanation:**

In hierarchical rate limiting, policies that can become parents are either aggregate policies or input link level policies.

**Recommended Action:**

Make sure that policy specified as parent is either of the two types.

**%RL-E-NOTINFLOWMODE System is not in 'Per Flow' Rate Limiting mode. To change the mode negate 'system enable aggregate-rate-limiting' command.**

**Explanation:**

The X-Pedition router is currently not in 'Per Flow' mode of rate limiting. There are two modes of rate limiting: 'Per Flow' and 'Aggregate'. In 'Per Flow,' the router does rate limiting on per flow basis and in 'Aggregate' mode, the router does Port Level and Aggregate rate limiting. This error is given if user tries to create Per Flow rate limiting policies when in 'Aggregate' rate limiting mode.

**Recommended Action:**

Change the X-Pedition rate limiting mode to 'Per Flow' by negating the command 'system enable aggregate-rate-limiting.' 'Per Flow' mode is the default mode.

**%RL-E-NOTINLINKMODE System is not in 'Aggregate' rate limiting mode. To change the mode use 'system enable aggregate-rate-limiting' command.**

**Explanation:**

The X-Pedition router is currently not in 'Aggregate' mode of rate limiting. This error would be given when user tries to create Aggregate or Input Port Level rate limiting policies while the router is in 'Per Flow' mode. There are two rate limiting modes. 'Per Flow' which is default and does per flow rate limiting. The other 'Aggregate' mode does Aggregate and Input Port Level rate limiting. To create Aggregate or Input Port Level rate limiting policies user should first change the rate limiting mode to 'Aggregate'.

**Recommended Action:**

Before creating any Aggregate or Input Port Level rate limiting policies, change the X-Pedition rate limiting mode to 'Aggregate' by using 'system enable aggregate-rate-limiting' command.

## **%RL-E-NOTLINKLEVEL Policy <name> is not a Link Level Policy**

### **Explanation:**

User is trying to display a non link level rate limit policy using rate-limit show link-level policy-name <name> command.

### **Recommended Action:**

Make sure that policy name given in the command is a link level policy.

## **%RL-E-PARENT\_MORECHAN One of the parents can not be applied on interface that spans across multiple channels.**

### **Explanation:**

A rate limit policy, whose parent or parent's parent is an aggregate or default policy, is being applied to an interface that is configured on a vlan or ports that belong to more than one channels (slots). Aggregate and default rate limit policies can not be applied to an interface that is configured on a vlan or ports that are on different channels (slots).

### **Recommended Action:**

Make sure that if one of the parents of this policy, is an aggregate or default policy, then the interface to which this policy is being applied, is not configured on a vlan or ports that belong to different channels (slots).

## **%RL-E-PORTBKTUSED Rate limiting resources for ports <name> are already in use. Ignoring all.**

### **Explanation:**

Resource needed, for a link level policy to work, is already in use by some other rate limit policy. Ignoring all the ports in the command.

### **Recommended Action:**

Resources are shared among various link level and aggregate rate limit policies. If the resource is already in use then new link level policy can not be configured. Please read Rate Limiting documentation to learn more about how it works and what its restrictions are.

**%RL-E-PORTLEVEL\_ALREADYDISABLED Input Port Level Rate Limiting is already disabled on modules <module\_name>.**

**Explanation:**

Input port level rate limiting is already disabled for the specified module.

**Recommended Action:**

None.

**%RL-E-PORTLEVELPOLICIES Cannot disable Input Port Level Rate Limiting as there are Input port level policies on modules <module\_name>.**

**Explanation:**

Cannot disable input port level rate limiting because there are port level policies on the modules.

**Recommended Action:**

Remove the input port level rate limiting policies before disabling input port level rate limiting.

**%RL-E-PORTNOTINVLAN Port <port-name> is not a member of vlan <name>.**

**Explanation:**

User is trying to create a vlan rate limit policy on a port that is not currently tied to the specified vlan.

**Recommended Action:**

Make sure the specified port is a member of the specified vlan.

**%RL-E-RATE\_UNAVAIL No rate available with parent**

**Explanation:**

A default rate limiting policy is being create wherein all of the rate of the parent policy is already consumed by other children of the parent policy.

**Recommended Action:**

Reduce rate of one of the children policies of the parent policy that is being made parent of this default policy.

## **%RL-E-TOOMANYACLS Too many acs specified**

**Explanation:**

Too many ACLs are specified.

**Recommended Action:**

A maximum of 20 ACLs can be specified in a single rate limit policy statement. Make sure that less than 20 ACLs are specified.

## **%RL-E-VLANNOTL4BDG Vlan <name> is not in L4 bridging mode.**

**Explanation:**

User is trying to create a vlan rate limit policy using a vlan that does not have L4 bridging enabled on it.

**Recommended Action:**

Make sure that the vlan, to which the policy is being applied, has L4 bridging enabled.

## **%RL-E-VRL\_EXISTS Vlan rate limit policy <name> already exists.**

**Explanation:**

User is trying to create a vlan rate limit policy using a name by which another policy already exists.

**Recommended Action:**

Make sure that the name used for the new vlan rate limit policy is not the same as that of another vlan rate limit policy.





# Chapter 58

## RCP Error Messages

This chapter describes the error messages for the RCP facility.

### Informational Messages

#### **%RCP-I-STATUS RCP <status\_code>**

**Explanation:**

This message appears to display the status of the RCP data transfer.

**Recommended Action:**

Informational message. No action necessary.

#### **%RCP-I-TRANS Nothing to transfer from <name>**

**Explanation:**

This message appears when there was nothing in the active or transient database to transfer.

**Recommended Action:**

Informational message. No action necessary.

## **%RCP-I-XFERRATE <string> <number> bytes in <number>.<number> seconds**

**Explanation:**

This message appears to display the rate of data transfer.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%RCP-W-INVLD Invalid <username>: <username>**

**Explanation:**

This message appears when the username entered contains illegal characters (non\_alphanumeric characters except '-' and '\_').

**Recommended Action:**

Verify the username.

### **%RCP-W-NORESP No response from <server\_name>**

**Explanation:**

This message appears when the RCP server stops responding.

**Recommended Action:**

Verify operation of RCP server.

## **Error Messages**

### **%RCP\_E\_ALLUSE RCMD: All sockets are in use**

**Explanation:**

This message is displayed when the RCP connection failed because all the sockets allocated for RCP are in use.

**Recommended Action:**

Try again. If this message displays repeatedly, contact Enterasys Technical Support.

**%RCP-E-BADFILE Bad file name: <filename>****Explanation:**

This message appears when a bad file name is given to be copied.

**Recommended Action:**

Check the file name.

**%RCP-E-BADRCPUURL Bad RCP URL '<url\_type>:/ <url\_name>'****Explanation:**

This message appears when the RCP command (URL form) contains an invalid format.

**Recommended Action:**

Check the format and try again.

**%RCP-E-BADTARGET Ambiguous Target****Explanation:**

This message appears when you passed bad parameters for copying.

**Recommended Action:**

Check parameters and try again.

**%RCP-E-CONN RCMD: Could not connect to address: <address>****Explanation:**

This message appears when the X-Pedition router could not connect to the RCP server.

**Recommended Action:**

The RCP server is busy, try again later.

**%RCP-E-CONNECTION Lost connection <number>****Explanation:**

This message appears when you lost the connection with the RCP server while transferring data.

**Recommended Action:**

Check if the RCP server is responding. If it is responding, try again.

## **%RCP-E-CTRL Error in control packet <string>**

**Explanation:**

This message appears when an internal protocol error occurred.

**Recommended Action:**

Please try RCP again.

## **%RCP-E-FILE Could not <string> file <filename>**

**Explanation:**

This message appears when the X-Pedition router could not open a file on the local file system for writing.

**Recommended Action:**

Check permissions and file system space available.

## **%RCP-E-FORMAT <filename> name format error <error\_type>**

**Explanation:**

This message appears when a file name contains a colon (:).

**Recommended Action:**

Remove the colon (:) from the file name.

## **%RCP-E-FSTAT File (<filename>) not found**

**Explanation:**

This message appears when the local file to be copied could not be found on the file system.

**Recommended Action:**

Check if file exists, or file name is correct.

## **%RCP-E-NAME <filename> not specified**

**Explanation:**

This message appears when the file to be copied was not specified.

**Recommended Action:**

Give the name of the file to be transferred.

## **%RCP-E-PERM Permission denied**

**Explanation:**

This message appears when the user does not have access to copy files on the remote or local file system.

**Recommended Action:**

Use the correct user name and/or check permissions on the server.

## **%RCP-E-PROTO Protocol error: *<error\_type>***

**Explanation:**

This message appears when some RCP protocol error occurred.

**Recommended Action:**

Please try RCP again.

## **%RCP-E-RCMD rcmd failed**

**Explanation:**

This message appears when the X-Pedition router could not establish connection with the RCP server. This could be caused if the server is not present, there is no route to the server, server does not respond.

**Recommended Action:**

Verify that we have a route to the server, and the server is responding.

## **%RCP-E-REMOTE Remote error *<error\_type>***

**Explanation:**

This message appears when some error occurred on the RCP server. Mostly this should occur if the file specified on the RCP server does not exist, or there were permission problems. The error should be printed out along with the message.

**Recommended Action:**

Check if file exists on the RCP server and/or permissions are OK.

## **%RCP-E-SOCK RCMD: Socket: <message>**

**Explanation:**

This message is displayed when the RCP connection failed because of an error in socket.

**Recommended Action:**

Try again. If this message displays repeatedly, contact Enterasys Technical Support.

## **%RCP-E-TXFR Error while transferring data**

**Explanation:**

This message appears when some error occurred during data transfer (TCP broken pipe).

**Recommended Action:**

Verify server is responding, and try again.

## **%RCP-E-UNKNOWN\_SERV Unknown service: ‘<service-name>’/tcp**

**Explanation:**

Port for the specified TCP service could not be found. You should never see this message.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%RCP-E-UNREACH Host <host\_name> unreachable**

**Explanation:**

This message appears when we do not have a route to the RCP server.

**Recommended Action:**

Check if the RCP server is reachable.

## **%RCP-E-WRITE RCMD: Write (setting up stderr): <message>**

**Explanation:**

This message is displayed when there is an error writing to the RCP socket.

**Recommended Action:**

Try again.

# Chapter 59

## RDISC Error Messages

This chapter describes the error messages for the RDISC facility.

### Error Messages

#### **%RDISC-E-ADDREXISTS: Address *<address>* already exists**

**Explanation:**

The address has already been added to the rdisc configuration.

**Recommended Action:**

Specify a different address.

#### **%RDISC-E-ADDRNOTFOUND: *<address>* is not a known address**

**Explanation:**

The address that has been specified does not exist.

**Recommended Action:**

Check the address and try again.

## **%RDISC-E-ADDROVFL: No memory for creating addresses**

**Explanation:**

The maximum number of addresses that can be configured for RDISC has been reached or the system is out of memory. (By default, all addresses on an RDISC-enabled interface are included in router advertisements.)

**Recommended Action:**

Delete any addresses that should not be included in router advertisements.

## **%RDISC-E-BADADVLIFETIME: Advertisement lifetime - invalid value (must be between <number> and <number>).**

**Explanation:**

The configured value of the Advertisement Lifetime parameter exceeds the operation limits.

**Recommended Action:**

Use a value that is within the specified range.

## **%RDISC-E-BADMAXINTERVAL: Maximum advertisement interval - invalid value (must be between <number> and <number>).**

**Explanation:**

The configured value of the Maximum Advertisement Interval parameter exceeds the operation limits.

**Recommended Action:**

Use a value that is within the specified range.

## **%RDISC-E-BADMININTERVAL: Minimum advertisement interval - invalid value (must be between <number> and <number>).**

**Explanation:**

The configured value of the Minimum Advertisement Interval parameter exceeds the operation limits.

**Recommended Action:**

Use a value that is within the specified range.



**%RDISC-E-IFEXISTS: Interface *<name>* already exists.**

**Explanation:**

The interface name has already been added to the rdisc configuration.

**Recommended Action:**

Specify a different interface name.

**%RDISC-E-IFNOTFOUND: *<name>* is not a known interface.**

**Explanation:**

The interface name that has been specified does not exist.

**Recommended Action:**

Check the name and try the again.

**%RDISC-E-IFOVFL: No memory for creating interfaces**

**Explanation:**

The maximum number of interfaces that can be configured for RDISC has been reached or the system is out of memory.

**Recommended Action:**

Delete any interfaces on which router advertisement does not need to be enabled.

**%RDISC-E-INVCFG: RDISC cannot run because of invalid configuration**

**Explanation:**

You have specified conflicting RDISC parameters in the configuration.

**Recommended Action:**

Correct the configuration and restart RDISC.

**%RDISC-E-NOSUCHTASK: RDISC Task does not exist**

**Explanation:**

RDISC has not started.

**Recommended Action:**

Start RDISC using the 'rdisc start' command.

## **%RDISC-E-OBJMISS: RDISC object to be displayed must be specified**

**Explanation:**

No RDISC object was specified with the 'rdisc show' command.

**Recommended Action:**

Specify an address or an interface name along with the show command.

## **%RDISC-E-TSKDELETED: RDISC Task is in deleted state (flags=0x)**

**Explanation:**

RDISC has not started. Flags indicate the state of the task:

- bit 1 = waiting for accepts
- bit2 = waiting for connects
- bit 3 = task has been deleted
- bit4 = low priority reads enabled.

**Recommended Action:**

Start RDISC using the **rdisc start** command.

# Chapter 60

## Resolver Error Messages

This chapter describes the error messages for the Resolver facility.

### Informational Messages

**%RES-I-BADARCRD gethostbyaddr: A record of <name> != PTR record [<name>]**

**Explanation:**

This message appears when the host address is not found.

**Recommended Action:**

Check to make sure DNS is configured properly.

**%RES-I-QUERY1 gethostby\*.getanswer: asked for “<name>”, got “<name>”**

**Explanation:**

This message appears when an informational message denoting QUERY1 has been received.

**Recommended Action:**

Informational message. No action necessary.

## **%RES-I-QUERY3gethostby\*.getanswer: asked for “<name> <name> <name>”, got type “<name>”**

**Explanation:**

This message appears when an informational message denoting QUERY3 has been received.

**Recommended Action:**

Informational message. No action necessary.

## **Error Messages**

### **%RES-E-BADAF bad address family '<number>'**

**Explanation:**

This message appears when you have entered a bad address family.

**Recommended Action:**

Check to make sure DNS is configured properly.

### **%RES-E-BADQTYPE bad query type '<number>'**

**Explanation:**

This message appears when you have entered a bad query type.

**Recommended Action:**

Check to make sure DNS is configured properly.

### **%RES-E-BASE64 output is not in base-64**

**Explanation:**

This message appears when the output from DNS is not base-64.

**Recommended Action:**

Check to make sure DNS is configured properly.

**%RES-E-FAILED DNS resolver failed: <name>(<name>)**

**Explanation:**

This message appears when the Domain Name Server resolver failed.

**Recommended Action:**

Check name for DNS. Check to make sure DNS is configured properly.



# Chapter 61

## RIP Error Messages

This chapter describes the error messages for the Routing Information Protocol facility.

### Error Messages

**%RIP-E-IFEXISTS Interface *<interface\_name>* already exists.**

**Explanation:**

A RIP parameter has been configured for an interface that does not exist.

**Recommended Action:**

Use a valid interface.

**%RIP-E-IFNOTFOUND *<interface\_name>* is not a known interface.**

**Explanation:**

A RIP parameter has been configured for an interface that does not exist.

**Recommended Action:**

Use a valid interface.

**%RIP-E-IFOVFL No more free interfaces max *<number>* current *<number>*.**

**Explanation:**

The maximum number of interfaces that can be added to RIP has been reached.

**Recommended Action:**

If possible, remove unused interfaces.

**%RIP-E-NOSUCHTASK RIP Task does not exist.**

**Explanation:**

The user attempted to display RIP information. However, RIP is not running.

**Recommended Action:**

Either RIP has not been started, or RIP was started but the routing configuration is invalid. Refer to error messages that were displayed after the configuration changes were made active.

**%RIP-E-OBJMISS RIP object to be displayed must be specified.**

**Explanation:**

Insufficient information provided while executing the **rip show** CLI command.

**Recommended Action:**

Choose a valid option while executing the **rip show option** command.

**%RIP-E-SGWAYEXISTS Source Gateway *<name>* already exists.**

**Explanation:**

A RIP source-gateway has been defined multiple times.

**Recommended Action:**

Remove the duplicate source-gateway entries.



**%RIP-E-SGWAYOVFL No more free source gateways max <number> current <number>.****Explanation:**

The maximum number RIP source-gateways that can be configured has been reached.

**Recommended Action:**

If possible, remove unused source-gateways.

**%RIP-E-TGWAYEXISTS Trusted Gateway <name> already exists.****Explanation:**

A RIP trusted-gateway has been defined multiple times.

**Recommended Action:**

Remove the duplicate trusted-gateway entries.

**%RIP-E-TGWAYOVFL No more free trusted gateways max <number> current <number>.****Explanation:**

The maximum number RIP trusted-gateways that can be configured has been reached.

**Recommended Action:**

If possible, remove unused source-gateways.

**%RIP-E-TSKDELETED RIP Task is in deleted state (flags=0x<hex\_value>)****Explanation:**

The user attempted to display RIP information. However, RIP is not running.

**Recommended Action:**

RIP was started but the routing configuration is invalid. Refer to error messages that were displayed after the configuration changes were made active.



# Chapter 62

## RIPng Error Messages

This chapter describes the error messages for the Routing Information Protocol Next Generation (RIPng) facility.

### Warning Messages

**%RIPNG-W-IPV6IFNAMENOTFOUND IPv6 interface (name = <string>) not found**

**Explanation:**

The user specified the name of an IPv6 interface that does not exist.

**Recommended Action:**

Specify a valid interface.

**%RIPNG-W-NORIPNGONIFNAME RIPng not enabled on IPv6 interface (name = <string>)**

**Explanation:**

The user specified the name of an IPv6 interface on which RIPng has not been enabled.

**Recommended Action:**

Verify that the interface name is properly specified, or enable RIPng on the specified interface (by entering CLI command **ripng add interface <string>** in config mode) first.

## Error Messages

### **%RIPNG-E-IFNOTFOUND <string> is not a known interface**

**Explanation:**

The IPv6 interface <string> does not exist or RIPng is not enabled on it.

**Recommended Action:**

Verify that the interface name has been specified correctly. If necessary, enable RIPng on the interface (by entering CLI command **ripng add interface <string>** in config mode) then retry the command that caused the error message.

### **%RIPNG-E-IFOVFL No memory for creating interfaces**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%RIPNG-E-NOSUCHTASK RIPng Task does not exist**

**Explanation:**

RIPng has not been started.

**Recommended Action:**

Start RIPng by entering CLI command **ripng start** in config mode, then retry the command that caused the error message.

### **%RIPNG-E-TSKDELETED RIPng Task is in deleted state (flags=0x<hex\_value>)**

**Explanation:**

RIPng was started, but the routing configuration is invalid.

**Recommended Action:**

Refer to error messages that were displayed after the configuration changes were made active. Contact Enterasys Technical Support.

# Chapter 63

## RMON Error Messages

This chapter describes the error messages for the Remote Network Monitoring facility.

**Note:** See the SNMP chapter for additional RMON messages.

### Informational Messages

**%RMON-I-ADD\_MEM** A total of *<number>* bytes has been allocated for RMON

**Explanation:**

The number of bytes of memory shown is allocated to RMON.

**Recommended Action:**

Informational message. No action required.

**%RMON-I-DISABLED** RMON has been disabled.

**Explanation:**

RMON has been disabled on the X-Pedition router.

**Recommended Action:**

Informational message. No action required.

## **%RMON-I-ENABLED RMON has been enabled.**

**Explanation:**

RMON is enabled on the X-Pedition router.

**Recommended Action:**

Informational message. No action required.

## **%RMON-I-IS\_DISABLED RMON is disabled.**

**Explanation:**

RMON must be enabled. By default, RMON is disabled on the X-Pedition router.

**Recommended Action:**

Issue the rmon enable command.

## **%RMON-I-LITE\_DEF Lite default tables have been enabled.**

**Explanation:**

Default control tables for the Lite group are enabled.

**Recommended Action:**

Informational message. No action required.

## **%RMON-I-LITE\_DEL\_DEF Lite default tables have been deleted.**

**Explanation:**

Default control tables for the Lite group have been turned off and collected data has been dropped from the tables.

**Recommended Action:**

You can create more precise control table rows from the management station or by using CLI commands.

**%RMON-I-LITE\_NON\_DEF Manual CLI Lite commands have been enabled.**

**Explanation:**

RMON is enabled with Lite groups.

**Recommended Action:**

Informational message. No action required.

**%RMON-I-LITE\_OFF Lite has been disabled.**

**Explanation:**

RMON Lite groups have been disabled.

**Recommended Action:**

Informational message. No action required.

**%RMON-I-MARKED\_DEL RMON additional RMON memory has been marked for deletion.**

**Explanation:**

Memory has been freed from RMON. When memory is marked for deletion, it is returned to the system.

**Recommended Action:**

Informational message. No action required.

**%RMON-I-PRO\_DEF Professional default tables have been enabled.**

**Explanation:**

Default control tables for the Professional group are enabled.

**Recommended Action:**

Informational message. No action required.

### **%RMON-I-PRO\_DEL\_DEF Professional default tables have been deleted.**

**Explanation:**

Default control tables for the Professional group have been turned off and collected data has been dropped from the tables.

**Recommended Action:**

You can create more precise control table rows from the management station or by using CLI commands.

### **%RMON-I-PRO\_NON\_DEF Manual CLI Professional commands have been enabled.**

**Explanation:**

RMON is enabled with Professional groups.

**Recommended Action:**

Informational message. No action required.

### **%RMON-I-PRO\_OFF Professional has been disabled.**

**Explanation:**

RMON Professional groups have been disabled.

**Recommended Action:**

Informational message. No action required.

### **%RMON-I-STD\_DEF Standard default tables have been enabled.**

**Explanation:**

Default control tables for the Standard group are enabled.

**Recommended Action:**

Informational message. No action required.



**%RMON-I-STD\_DEL\_DEF Standard default tables have been deleted.****Explanation:**

Default control tables for the Standard group have been turned off and collected data has been dropped from the tables.

**Recommended Action:**

You can create more precise control table rows from the management station or by using CLI commands.

**%RMON-I-STD\_NON\_DEF Manual CLI Standard commands have been enabled.****Explanation:**

RMON is enabled with Standard groups.

**Recommended Action:**

Informational message. No action required.

**%RMON-I-STD\_OFF Standard has been disabled.****Explanation:**

RMON Standard groups have been disabled.

**Recommended Action:**

Informational message. No action required.

## Warning Messages

**%RMON-W-BUCKETS <name> index <number> - <number> buckets out of <number> were allocated.****Explanation:**

Buckets are used in history tables to collect a serial of data (number of buckets) over a certain interval.

**Recommended Action:**

No action required.

**%RMON-W-CONTROL\_INDEX <group> Control Index <number> does not exist. Cannot add index entry.**

**Explanation:**

Configuring the RMON Host-Top-N group requires that you specify an index for the Host table, while configuring the AI-Matrix-Top-N and NL-Matrix-Top-N groups require that you specify an index for the HL-Matrix table. The index specified does not exist.

**Recommended Action:**

Check the index that you specified for the Host or HL-Matrix table. If necessary, you must configure the index entry in the Host or HL-Matrix table first.

**%RMON-W-LITE\_OFF RMON Lite is disabled.**

**Explanation:**

The RMON groups Alarm, Event, History, and Etherstats are disabled. RMON will not gather data for these groups.

**Recommended Action:**

Make sure that you want these groups disabled.

**%RMON-W-MAX\_ROWS Cannot add <name> row for port <port> - maximum number of rows <number> reached.**

**Explanation:**

A maximum of 65535 rows can be specified for the RMON group.

**Recommended Action:**

Do not configure more than 65535 rows for the group.

**%RMON-W-MEM\_RANGE Memory requested is less than presently allocated. Restart RMON to take effect.**

**Explanation:**

The memory allocation specified with the rmon set memory command is less than the amount of memory allocated when RMON was enabled.

**Recommended Action:**

Restart RMON to use the new memory allocation.

**%RMON-W-NO\_IFINDEX Cannot add <name> index <number> row - could not find ifIndex for port <port>.**

**Explanation:**

The index number uniquely identifies a row in a table. Some RMON commands refer to other commands by the index number.

**Recommended Action:**

Check the RMON configuration.

**%RMON-W-RMON\_MEM, RMON memory max'ed out. You may want to add more memory to RMON.**

**Explanation**

RMON has reached its maximum allocated memory and can not fill any more entries in its tables.

**Recommended action**

Allocate more memory with the RMON set memory command, limit the number of entries in the tables, or reduce the number of ports that you are collecting data on. Verify the memory with the RMON show status command.

**%RMON-W-OID\_BIND Cannot add <name> index <number> row - could not bind oid for ifIndex <number>.**

**Explanation:**

The index number uniquely identifies a row in a table. Some RMON commands refer to other commands by the index number.

**Recommended Action:**

Check the RMON configuration.

**%RMON-W-PRO\_OFF RMON Professional is disabled.**

**Explanation:**

The RMON 2 groups are disabled. RMON will not gather data for these groups.

**Recommended Action:**

Make sure that you want these groups disabled.

**%RMON-W-REBOOT\_NOW RMON coldBoot command accepted from <name>.**

**Explanation:**

The X-Pedition router has accepted a reboot request via SNMP from the specified host IP system.

**Recommended Action:**

No action required.

**%RMON-W-SNMPOFF SNMP is disabled. Cannot turn on RMON.**

**Explanation:**

SNMP must be enabled for RMON to function.

**Recommended Action:**

Enable SNMP.

**%RMON-W-STD\_OFF RMON Standard is disabled.**

**Explanation:**

The RMON groups Host, Matrix, Matrix-Top-N, Filter, and Channel are disabled. RMON will not gather data for these groups.

**Recommended Action:**

Make sure that you want these groups disabled.

## Error Messages

**%RMON-E-ALIGN Request for unaligned memory of size <number> bytes rounded up.**

**Explanation:**

Internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RMON-E-DS\_BIND Cannot add <name> index <number> row - could not bind data source ifIndex <number>.**

**Explanation:**

A system error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RMON-E-ENABLE\_FAILURE Cannot enable RMON without enabling either Lite, Std, or Pro.**

**Explanation:**

You must configure the Lite, Standard, or Professional RMON groups before enabling RMON.

**Recommended Action:**

Specify an rmon set lite|standard|professional command in your configuration.

**%RMON-E-FILTER\_ID\_EXISTS Filter Id <number>, is already taken.**

**Explanation:**

The specified filter ID is already being used.

**Recommended Action:**

Use a different identifier when creating the filter.

**%RMON-E-FILTER\_ID\_NOTEXISTS Filter Id <number>, does not exist.**

**Explanation:**

The specified filter ID does not exist.

**Recommended Action:**

Check the existing filters for the correct ID.

**%RMON-E-INVALID\_OID Object identifier is not an integer or doesn't exist. Index: <number>**

**Explanation:**

A command attempted to set a control for a port that does not exist.

**Recommended Action:**

Check the object identifier and make sure that it references an existing port.

**%RMON-E-INVALIDOPTION, Due to hardware restrictions, 'out-errors' option is no longer valid.**

**Explanation:**

Due to hardware restrictions, the *out-errors* option is no longer valid. You cannot collect data with this option.

**Recommended Action:**

None. This option can not be used.

**%RMON-E-NETFLOWENABLED, Cannot set RMON Professional if NETFLOW Service is enabled.**

**Explanation:**

This error message appears when you try to configure the X-Pedition router with RMON Professional and NetFlow Service is enabled, or when you try to enable RMON when RMON Professional is configured and NetFlow is enabled.

**Recommended action:**

Disable NetFlow Service. You cannot configure NetFlow Service and RMON Professional together because RMON Professional clears counters that NetFlow monitors.

**%RMON-E-NOMEM Reached max of <number> Meg, <?> - Index(<index>).**

**Explanation:**

The X-Pedition router is out of memory and RMON cannot get what it needs.

**Recommended Action:**

Use the system show capacity memory command to see memory usage.

## **%RMON-E-NOSYSMEM No more memory available on system.**

**Explanation:**

The system is out of memory and RMON cannot get what it needs.

**Recommended Action:**

Use the system show capacity memory command to see memory usage.

## **%RMON-E-PROTOCOL Protocol <name>, not found.**

**Explanation:**

The probe does not support the requested protocol in the protocol directory.

**Recommended Action:**

Use the rmon show protocol-directory to see supported protocols.

## **%RMON-E-SYNTAX\_ERR A Syntax Error occurred while specifying an RMON filter.**

**Explanation:**

There was a syntax error in the command to specify an RMON filter.

**Recommended Action:**

Check and correct the configuration command to specify a filter.

## **%RMON-E-TMR\_BIND Cannot add <name> index <number> row - timerbind call failed.**

**Explanation:**

A system error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.





# Chapter 64

## Router Advertisement Error Messages

This chapter describes the error messages for the Router Advertisement facility.

### Informational Messages

**%RTADVD-I-DEBUG** *<string>*, *<string>*.

**Explanation:**

This message reports an informational event that occurred in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-DUMPSTATUS** Current status dumped to *<string>*.

**Explanation:**

The status of router advertisement has been listed to a file.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-IFDEBUG** *<string> <string>, <string>.*

**Explanation:**

An interface related informational event occurred in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-ND** *<string>, <string>.*

**Explanation:**

An input packet had an invalid neighbor discovery value. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-PREFIX** Link-local prefix (*<string>*) will be advertised on *<string>.*

**Explanation:**

The prefix being advertised is a link-local prefix.

**Recommended Action:**

A non link-local prefix should be used instead.

**%RTADVD-I-PREFIXADD** New prefix *<string>/<number>* was added on *<interface>.*

**Explanation:**

A new prefix on this interface will be advertised on this interface.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-PREFIXDEL Prefix <string>/<number> was deleted on <interface>.**

**Explanation:**

A specific prefix will no longer be advertised on this interface.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-PREFIXINV Prefix <string>/<number> was invalidated on <interface>.**

**Explanation:**

A specific prefix has been invalidated on an interface and will be deleted.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-PREFIXLISTADD Add <string>/<number> to prefix list on <interface>.**

**Explanation:**

A specific prefix will be advertised on this interface.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-RASUPPRESSED Router advertisements suppressed on interface <interface>.**

**Explanation:**

Router advertisements are suppressed on this interface.

**Recommended Action:**

Informational message only, no action necessary.

**%RTADVD-I-REENABLED Prefix *<string>/<number>* was re-enabled on *<string>*.**

**Explanation:**

A prefix that was in the process of being removed has been re-enabled.

**Recommended Action:**

Informational message only, no action necessary.

## Warning Messages

**%RTADVD-W-CONFIG Configuration *<<string>>*, relating to *<string>*, *<string>*.**

**Explanation:**

There is a possible misconfiguration in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-W-CONFIG2 Configuration *<<string>>*, relating to *<string>*.**

**Explanation:**

There is a possible misconfiguration in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-W-IF2 Interface *<<interface>>*, relating to *<string>*.**

**Explanation:**

An event occurred in router advertisement relating to an internal interface message. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%RTADVD-W-IFINIT Error in getconfig for interface *<interface>*.**

**Explanation:**

A possible interface misconfiguration may have occurred in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%RTADVD-W-INPUT *<string>*, *<string>*.**

**Explanation:**

There is a warning about an input router advertisement message. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%RTADVD-W-NOIFFORADDR No if for address, if for address *<string>* not written to config file.**

**Explanation:**

A possible misconfiguration may have occurred in router advertisement. A specific address was not associated with an interface and was not included in the router advertisement configuration.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%RTADVD-W-PREFANDIF Interface value ignored when a specific prefix entered for show (*<string>/<number>*).**

**Explanation:**

The **ndisc show prefix** command will ignore an input interface value when a specific prefix is entered.

**Recommended Action:**

Do not enter an interface name when entering a specific prefix on the **ndisc show prefix** command.

## Error Messages

### **%RTADVD-E-BADADDR Bad IPv6 address <string>.**

**Explanation:**

An invalid IPv6 address was entered.

**Recommended Action:**

Enter a valid IPv6 address.

### **%RTADVD-E-BADIFORADDR Bad interface name or IPv6 address '<string>'.**

**Explanation:**

A bad interface or address value was entered in router advertisement.

**Recommended Action:**

Enter an allowable value.

### **%RTADVD-E-BADLIFETIME Preferred lifetime (<number>) cannot be greater than valid lifetime(<number>), <string>/<number>.**

**Explanation:**

A preferred lifetime value was entered that was greater than the valid lifetime.

**Recommended Action:**

Enter a value for preferred lifetime that is not greater than the valid lifetime.

### **%RTADVD-E-BADOPTVAL Bad option value <number> for <string>, interface name or IPv6 address <string>.**

**Explanation:**

There was a router advertisement input error. Additional information is provided by the <string> in the message.

**Recommended Action:**

Input a value consistent with the allowed range of the option.

**%RTADVD-E-BADPLDATETIME** Bad preferred lifetime value in datetime format, *<string>*.

**Explanation:**

A bad value was entered for preferred lifetime.

**Recommended Action:**

Reenter the value using the correct format.

**%RTADVD-E-BADPREFERREDLT** Bad preferred lifetime value, *<string>*.

**Explanation:**

A bad value was entered for preferred lifetime.

**Recommended Action:**

Reenter the value using the correct format.

**%RTADVD-E-BADPREFIX** Bad IPv6 prefix *<string>/<number>*.

**Explanation:**

An invalid prefix was entered.

**Recommended Action:**

Enter a valid prefix value.

**%RTADVD-E-BADVALIDLT** Bad valid lifetime value, *<string>*.

**Explanation:**

A bad value was entered for valid lifetime.

**Recommended Action:**

Reenter the value using the correct format.

**%RTADVD-E-BADVLDATETIME Bad valid lifetime value in datetime format format, <string>.**

**Explanation:**

A bad value was entered for valid lifetime.

**Recommended Action:**

Renter the value using the correct format.

**%RTADVD-E-CONFIG Configuration <<string>>, relating to <string>, <string>.**

**Explanation:**

A configuration related event occurred in router advertisement. Additional information is provided by the <string> in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-CONFIG2 Configuration <<string>>, relating to <string>.**

**Explanation:**

There was an error with a configuration related event that occurred in router advertisement. Additional information is provided by the <string> in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-CONFIGFILE Config file (<string>) error.**

**Explanation:**

An error has occurred relating to the router advertisement configuration file.

**Recommended Action:**

Contact Enterasys Technical Support.



**%RTADVD-E-DUMPOPEN File open error, dump file <string>.**

**Explanation:**

A file open error has occurred in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-FILECLOSE Problem closing rtadvd config file <string>.**

**Explanation:**

A file close error has occurred in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-FILEOPEN Problem opening rtadvd config file <string>.**

**Explanation:**

A file open error has occurred in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-FILEREAD File read error <<string>>, <string>.**

**Explanation:**

A file read error has occurred in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-IF Interface <<string>>, relating to <string>, <string>.**

**Explanation:**

There was an error with an interface related event that occurred in router advertisement. Additional information is provided by the <string> in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-IF2 Interface <<string>>, relating to <string>.**

**Explanation:**

There was an error with an interface related event that occurred in router advertisement. Additional information is provided by the <string> in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-IFNOTFOUND Interface <interface> not found.**

**Explanation:**

An invalid interface value was entered.

**Recommended Action:**

Enter a valid interface value.

**%RTADVD-E-IFOVFL Unable to malloc memory, interface name or IPv6 address <string>.**

**Explanation:**

An error occurred when allocating memory in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-INIT Initialization error, <string>, <string>.**

**Explanation:**

There was an error with an initialization event that occurred in router advertisement. Additional information is provided by the <string> in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-MALLOC Malloc failed, <<string>>, line <number>.**

**Explanation:**

An error occurred when allocating memory in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-MAXLIFE Max adv interval (<number>) > RA lifetime(<number>), interface name or IPv6 address <string>.**

**Explanation:**

The maximum advertising interval cannot be greater than the lifetime value unless the lifetime value is 0.

**Recommended Action:**

Reenter a correct value.

**%RTADVD-E-MINMAX Min adv interval(<number>) > 3/4 max adv interval(<number>), interface name or IPv6 address <string>.**

**Explanation:**

The maximum advertising interval cannot be lower than  $4/3$  \* the minimum value.

**Recommended Action:**

Reenter the value(s) to maintain a proper ratio.

**%RTADVD-E-NULLADDR Bad interface name or IPv6 address (NULL)**

**Explanation:**

An invalid interface name or address was entered.

**Recommended Action:**

Enter a valid input value.

**%RTADVD-E-OUTPUT** *<string>*, *<string>* *<string>*.

**Explanation:**

There is an error with an output related event that occurred in router advertisement. Additional information is provided by the *<string>* in the message.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%RTADVD-E-PREFIXNOTFOUND** IPv6 prefix *<string>/<number>* not found.

**Explanation:**

An invalid prefix was entered.

**Recommended Action:**

Enter a valid prefix value.

**%RTADVD-E-PREFIXOVFL** Unable to malloc memory, IPv6 prefix *<string>/<number>*.

**Explanation:**

An error occurred when allocating memory in router advertisement.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-SEMCREFAIL** Semaphore create failed (*<string>:<number>*).

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-SEMOBTFAIL Semaphore obtain failed**  
**(<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-SEMRELFAIL Semaphore release failed**  
**(<string>:<number>).**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

**%RTADVD-E-SOCK <string>, <string>, <string>.**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 65

## SAM Error Messages

This chapter describes the error messages for the Security Attack Monitor (SAM).

### Information Messages

**%SAM-I-STATUS Service Availability Manager is <“*enabled*” or “*disabled*”>**

**Explanation:**

This message indicates the current status (enabled or disabled) of the Service Availability Manager (SAM).

**Recommended Action:**

Informational message only, no action required.

## Warning Messages

### **%SAM-W-ACTIVATED Service Availability Manager activated on ports <port-number>**

**Explanation:**

The X-Pedition router experienced a significant amount of network traffic for an extended duration and activated the Service Availability Manager (SAM). Examples of excessive network traffic include Denial of Service (DoS) attacks and network management stations (NMS) configured to aggressively contact all devices on a network. This message will be followed by one or more %SAM-W-RATELIMIT\_ADDED warnings on which port(s) excessive network traffic is detected.

**Recommended Action:**

Monitor the specified port for abnormal network usage and identify its source—your action will depend on your security policy. If your investigation reveals that SAM activated prematurely, increase SAM's activation delay.

### **%SAM-W-DEACTIVATED Service Availability Manager deactivated on ports <port-list>**

**Explanation:**

The Service Availability Manager (SAM) was deactivated on the specified ports, indicating that excessive network traffic has ceased and rate-limiting imposed within the given port-range has been removed.

**Recommended Action:**

No action necessary. However, if evidence suggests that SAM removed the rate-limit prematurely, increase SAM's deactivation delay.



**%SAM-W-RATELIMIT\_ADDED, SAM has detected a possible attack on port <port\_name>. This port will be rate-limited until the attack subsides.**

**Explanation:**

Service Availability Manager (SAM) has detected a significant amount of network traffic from the given port for an extended duration and is imposing a rate-limit on that port. Examples of excessive network traffic include Denial of Service (DoS) attacks and network management stations (NMS) configured to aggressively contact all devices on a network.

**Recommended Action:**

Monitor the specified port for abnormal network usage and identify its source — your action will depend on your security policy. If your investigation reveals that SAM activated prematurely, increase SAM's activation delay.

**%SAM-W-RATELIMIT\_REMOVED, The rate-limit imposed on port <port\_name> has been removed.**

**Explanation:**

Service Availability Manager (SAM) has removed the rate-limit imposed on the given port, indicating that excessive network traffic has ceased.

**Recommended Action:**

No action necessary. However, if evidence suggests that SAM removed the rate-limit prematurely, increase SAM's deactivation delay.



# Chapter 66

## Serial Input/Output Driver Error Messages

This chapter describes the error messages for the Serial Input/Output port of a control module. These messages could apply to either the front panel serial port or the internal debug serial port.

### Fatal Messages

#### **%SIO-F-EVGBAD unexpected events seen, expected 0x%x, seen 0x%x**

**Explanation:**

Unexpected events seen while waiting for serial i/o device to either read or write.

**Recommended Action:**

Contact Enterasys Technical Support

#### **%SIO-F-EVGCREAT failed to create driver event group, sts=0x%x**

**Explanation:**

Failed to create an event flag group for blocking reads to make scanf() and getchar() work correctly by blocking until data is available. Failure occurred during initialization of the serial port i/o driver.

**Recommended Action:**

Check control module's serial port.

## **%SIO-F-EVGGET failed to get events, sts=0x%x**

**Explanation:**

Failed to retrieve events from serial i/o devices. Either waiting for transmit or device write.

**Recommended Action:**

Contact Enterasys Technical Support

## **%SIO-F-EVGSET failed to set events, sts=0x%x**

**Explanation:**

Failed to set flags or events during serial i/o high level interrupt service routine or while writing to physical interface chip.

**Recommended Action:**

Contact Enterasys Technical Support

## **%SIO-F-HISRFAIL failed to create driver HISR, sts=0x%x**

**Explanation:**

Failed to create high level interrupt service routine for serial i/o port, either front panel serial port[0] or debug serial port[1].

**Recommended Action:**

Contact Enterasys Technical Support

## **%SIO-F-LISRFAIL failed to register driver LISR, sts=0x%x**

**Explanation:**

Failed to register low level interrupt service routine while initializing serial i/o driver.

**Recommended Action:**

Contact Enterasys Technical Support

## **%SIO-F-NOBUFMEM not enough memory to allocate typeahead buffer**

**Explanation:**

Couldn't allocate memory for the serial i/o queue.

**Recommended Action:**

Check control module's serial port. Review system memory requirements.



# Chapter 67

## Serial (WAN) Error Messages

This chapter describes the error messages for the Serial facility used by the WAN software.

### Informational Messages

**%SERIAL-I-FRCOMP\_UP Compression is up on port *<port>* vc *<number>***

**Explanation:**

The message appears when Frame Relay compression (FRF.9) was successfully negotiated and is now up.

**Recommended Action:**

Informational message. No action required.

**%SERIAL-I-PPP\_SHUTDOWN PPP on port *<port>* was shutdown due to ECP negotiation failure**

**Explanation:**

The PPP encryption protocol (ECP) was not successfully negotiated on the specified port. Instead of sending unencrypted traffic over the link, the link is shut down.

**Recommended Action:**

Check the ECP configuration.

## Warning Messages

### **%SERIAL-W-CTL\_PKT\_LOOPBACK frame-relay LMI|PPP LCP packet was looped back on port <port>**

**Explanation:**

A frame relay LMI packet or a PPP Link Control Protocol packet on the specified port was looped back.

**Recommended Action:**

If this message appears only a few times immediately following boot up, no action is required. If this message continues to appear, check the CSU/DSU connection with the specified port to ensure it is not in loopback mode.

### **%SERIAL-W-DEC\_DRIVER <text>**

**Explanation:**

Generic warning message from the serial card's ethernet driver.

**Recommended Action:**

If this message appears repeatedly, contact Enterasys Technical Support.

### **%SERIAL-W-EGRESS\_DEC\_SEND dec\_send (wan to xp) failed**

**Explanation:**

The WAN card could not send a packet to the main X-Pedition router.

**Recommended Action:**

If this message appears repeatedly, contact Enterasys Technical Support.

### **%SERIAL-W-EGRESS\_ERROR\_INARP egress: inarp error**

**Explanation:**

Could not resolve the inarp request.

**Recommended Action:**

If this message appears, one should check for IP or IPX addresses on both local and remote routers.



**%SERIAL-W-EGRESS\_ERROR\_INARP\_ADDR error: src and dst address are not on the same network(src <name>, dst <name>, netmask <number>)**

**Explanation:**

This message appears when local and peer IP addresses configured for a VC or PPP port are on different subnets.

**Recommended Action:**

Check configuration to make sure local IP address is correct.

**%SERIAL-W-EGRESS\_FR\_FORMAT egress; wrong PDU format from vc <number> on port <name>**

**Explanation:**

WAN card received packets with unrecognized protocol data unit format.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_FR\_NLPID egress: invalid nlpid(%x) or proto from vc <number>**

**Explanation:**

Egress path received a packet with invalid nlpid of protocol ID.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_FR\_OUI egress: invalid fr oui from vc <number> on port <port>**

**Explanation:**

Egress path has received a packet with invalid organization unique ID of frame relay header.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_FR\_PID egress: invalid fr L3 pid(%x0 from vc <number> on port <port>**

**Explanation:**

Egress path has received a frame relay packet with unrecognized protocol ID.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_FR\_VC\_DISABLED egress: VC <number> is not up on port <port>**

**Explanation:**

Frame relay VC is operationally/administratively disabled.

**Recommended Action:**

Enable the frame relay VC or check if LMI is running.

**%SERIAL-W-EGRESS\_FR\_VC\_NOTCONF egress: VC <number> is not configured on port <name>**

**Explanation:**

This message appears when receiving packets on a non-configured VC.

**Recommended Action:**

Configure the frame relay VC.

**%SERIAL-W-EGRESS\_MAC\_TYPE egress: invalid MAC type on port <name>**

**Explanation:**

Incoming packet does not have the 802.3 MAC type.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_PORT\_DISABLED egress: PPP port is not up**

**Explanation:**

PPP port is operationally or administratively disabled.

**Recommended Action:**

Enable the PPP port or check LCP/NCP.

**%SERIAL-W-EGRESS\_PPP\_MP\_PID egress: received mlp frames on port <name> which is not configured for mlp, discarding**

**Explanation:**

The egress data path is not configured for MLP, but received an MLP packet.

**Recommended Action:**

Check the configuration.

**%SERIAL-W-EGRESS\_PPP\_PID egress: invalid PPP proto id(%x) on port <name>**

**Explanation:**

Received packets with unrecognized PPP protocol ID.

**Recommended Action:**

Check if the peer router is sending out packets using RFC1483 encapsulation.

**%SERIAL-W-EGRESS\_ERROR\_INARP\_DSTADDR inarp error: could not find any L3 entry which is on the same subnet as the given peer address(<ipaddr>)**

**Explanation:**

Could not find L3 address which is on the same subnet as specified in the inarp request.

**Recommended Action:**

Check local and remote router's L3 address.

**%SERIAL-W-EGRESS\_ERROR\_INARP\_IPX\_ADDR error: src and dst address(<ipxaddr>) are not on the same network(src <ipxaddr>, dst <ipxaddr>)**

**Explanation:**

This message appears when local and peer IPX addresses configured for a VC or PPP port are on different subnets.

**Recommended Action:**

Make sure both local and peer addresses are on the same network.

**%SERIAL-W-EGRESS\_ERROR\_INARP\_RESOLVE inarp error: peer address(<ipaddr>) is the same as local address(<ipaddr>)**

**Explanation:**

This message appears when the source address of inarp request/response is the same as the local address.

**Recommended Action:**

Make sure both local and peer addresses are on the same network.

**%SERIAL-W-HDLC\_DRIVER <text>**

**Explanation:**

Generic warning message from the serial card's HDLC driver.

**Recommended Action:**

If this message appears repeatedly, contact Enterasys Technical Support.

**%SERIAL-W-HIFN\_DRIVER <text>**

**Explanation:**

Generic warning message from the serial card's HIFN driver.

**Recommended Action:**

If this message appears repeatedly, contact Enterasys Technical Support.

**%SERIAL-W-PORT\_CABLE\_BAD Port <name>: External clocks are unstable: Try reseating the cable**

**Explanation:**

The external clock supplied to the serial card is unstable.

**Recommended Action:**

Try reseating the serial cable. If problem persists, contact Enterasys Technical Support.

**%SERIAL-W-PPPSHIM\_DUP\_IPADDR ppp shim: Cannot update peer IP address on port <port>: local and peer addresses are the same**

**Explanation:**

During IP PPP negotiation, the IP addresses for the local and peer routers are the same.

**Recommended Action:**

Check the configuration.

**%SERIAL-W-PPPSHIM\_NO\_DST ppp shim: Cannot update peer IP/IPX address on port <port>: peer does not have an address**

**Explanation:**

During PPP IP/IPX negotiation for the specified port, the peer did not supply its IP/IPX address.

**Recommended Action:**

Statically specify peer IP/IPX address on the **interface create** CLI command for the specified port.

**%SERIAL-W-PPPSHIM\_SUBNET\_MISMATCH ppp shim: Cannot update peer IP address on port <port>: not on same subnet as source(src <ipaddr>, dst <ipaddr>)**

**Explanation:**

During PPP IP negotiation for the specified port, the local and peer IP addresses were not on the same subnet.

**Recommended Action:**

Check the configuration. Both the X-Pedition router and the peer should be on the same IP subnet.

## Error Messages

### **%SERIAL-E-CLI\_ERROR\_SEND\_FAIL cli command was not sent to due to IPC failure**

**Explanation:**

Failed to communicate with WAN module.

**Recommended Action:**

Attempt to execute CLI command again. If command fails, hotswap the WAN module. If problem persists, contact Enterasys Technical Support.

### **%SERIAL-E-CLI\_MAX\_COMPENCR cli: Reached maximum number of ports/vc's with compression/encryption.**

**Explanation:**

The maximum number of ports/vc's with compression and/or encryption enabled has been exceeded.

**Recommended Action:**

Disable encryption and/or compression on some vc's or ports until you are below the limit. The command "frame-relay|ppp show stats port <port>" can be used to see whether or not it is disabled on a port.

### **%SERIAL-E-CLI\_VCCOMP cli: port %d vc %d already has compression enabled.**

**Explanation:**

Attempt to apply compression on a vc with compression already enabled.

**Recommended Action:**

Check the configuration to ensure that there is no duplication of enabling compression. For example, you would see this message if you have set compression on se.5.1.100 and then you try and save the command "frame-relay set payload-compress ports se-5.1.(100-105)." Warning: if you get this message, the command that you tried to save may not have been executed. You may wish to use "frame-relay show stats port<port>" to check which vc's have compression enabled or disabled.

**%SERIAL-E-EGRESS\_FR\_DEC\_FAIL egress: failed to forward from vc <number> on port <name>**

**Explanation:**

Frame relay packet received can't be forwarded.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SERIAL-E-EGRESS\_PPP\_DEC\_FAIL egress: failed to forward on port <name>**

**Explanation:**

PPP packet received can't be forwarded.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SERIAL-E-IPC\_SEND\_FAILED IPC send failed in routine <name> with code <number>**

**Explanation:**

X-Pedition router failed to communicate with WAN module.

**Recommended Action:**

Hotswap the WAN module.

**%SERIAL-E-IPDSTADDR\_REUSE\_PORT peer address <ip-address> is already used by interface on slot: <number> port: <port> and can't be reassigned to slot: <number>, port: <port>**

**Explanation:**

This message appears when trying to assign the same IP peer address to different ports.

**Recommended Action:**

Use different peer addresses for different interfaces.

**%SERIAL-E-IPDSTADDR\_REUSE\_VC peer address <ip-address> is already used by interface on slot: <number> port: <port> and can't be reassigned to slot: <number>, port: <port>, vc: <number>**

**Explanation:**

This message appears when trying to assign the same IP peer address to different frame relay VCs.

**Recommended Action:**

Use different peer addresses for different interfaces.

**%SERIAL-E-IPXDSTADDR\_REUSE\_PORT peer address <ipx-address> is already used by interface on slot: <number> port: <port> and can't be reassigned to slot: <number>, port: <port>**

**Explanation:**

This message appears when trying to assign the same IPX peer address to different ports.

**Recommended Action:**

Use different peer addresses for different interfaces.

**%SERIAL-E-IPXDSTADDR\_REUSE\_VC peer address <ipx-address> is already used by interface on slot: <number> port: <port> vc: <number> and can't be reassigned to slot: <number>, port: <port>, vc: <number>**

**Explanation:**

This message appears when trying to assign the same IPX peer address to different frame relay VCs.

**Recommended Action:**

Use different peer addresses for different interfaces.

**%SERIAL-E-MLP\_PORT\_SET port %d is a member of %s which already has %s enabled.**

**Explanation:**

The message appears when you try to set a feature (such as encryption) on a port, but the feature is already enabled on the bundle which contains that port.

**Recommended Action:**

Check the configuration to ensure that a feature is enabled only once on a port.



**%SERIAL-E-MLPASSEMBLY received a new frame on <port> before the previous frame was assembled**

**Explanation:**

The frame cannot be assembled because one or more fragments were lost.

**Recommended Action:**

None.

**%SERIAL-E-MLPCREATIONFAILED failed to create mp group (<group>) since slot <slot> can only have <number> mp groups**

**Explanation:**

An attempt was made to create more MP groups than the number of available physical ports.

**Recommended Action:**

Check the configuration and make sure that the number of MP bundles are less than the number of physical ports on the module.

**%SERIAL-E-PHY\_PORT\_SET %s member port %d already has %s enabled.**

**Explanation:**

An attempt was made to enable a feature on a bundle which contains a port with that feature already enabled. You can enable features only once on a port.

**Recommended Action:**

Check the configuration and make sure that if you want to enable a feature on a bundle (e.g., compression or encryption), the bundle does not contain ports with that feature already enabled.

**%SERIAL-E-SAMEADDR local address (%s) and peer address (%s) are the same.**

**Explanation:**

An attempt was made to use the same address for the local address and the peer address.

**Recommended Action:**

Check the configuration and make sure that the peer address and local address on the WAN interface are not the same.

**%SERIAL-E-WAN\_FRVLAN port (%d) vc (%d) could not be added to vlan (%d) since it is already assigned to vlan (%d).**

**Explanation:**

An attempt was made to add a frame relay port and vc to a vlan when it was already assigned to a different vlan.

**Recommended Action:**

Check the configuration and make sure that the frame relay port is assigned to only one vlan. The vlan show command can be used to see which vlan the port is assigned to.

**%SERIAL-E-WAN\_NO\_MEM can't allocate memory on wan card**

**Explanation:**

Ran out of memory on WAN card.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SERIAL-E-WAN\_PPPVLAN port (%d) could not be added to vlan (%d) since it is already assigned to vlan (%d).**

**Explanation:**

An attempt was made to add a ppp port to a vlan when it was already assigned to a different vlan.

**Recommended Action:**

Check the configuration and make sure that the ppp port is assigned to only one vlan. The vlan show command can be used to see which vlan the port is assigned to.

# Chapter 68

## SmartTRUNK Error Messages

This chapter describes the error messages for the SmartTRUNK facility.

### Informational Messages

#### **%STRNK-I-CREATED SmartTRUNK(s) *<name>* are successfully created**

**Explanation:**

This message is displayed when a SmartTRUNK has been successfully created.

**Recommended Action:**

Informational message. No action necessary.

#### **%STRNK-I-PORTSADDED Ports *<port\_name>* added to SmartTRUNK *<name>***

**Explanation:**

This message is displayed when ports have been added to a SmartTRUNK.

**Recommended Action:**

Informational message. No action necessary.

## **%STRNK-I-PORTSREMOVED Ports *<port\_name>* removed from SmartTRUNK *<name>***

**Explanation:**

This message is displayed when ports have been removed from a SmartTRUNK.

**Recommended Action:**

Informational message. No action necessary.

## **%STRNK-I-REMOVED SmartTRUNK *<name>* removed**

**Explanation:**

This message is displayed when a SmartTRUNK has been removed.

**Recommended Action:**

Informational message. No action necessary.

## **%STRNK-I-STATUS SmartTRUNK status change detected: st.*<name>* - *<status>***

**Explanation:**

This message is displayed when a SmartTRUNK operational status has changed.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%STRNK-W-ADDED Port *<port\_name>* already part of SmartTRUNK *<name>***

**Explanation:**

This error message is displayed when the user attempts to add a port to a SmartTRUNK and the port is already a member of the same SmartTRUNK.

**Recommended Action:**

Verify the port specified is not a member of the specified SmartTRUNK.

**%STRNK-W-AGINGERROR SmartTRUNK <name> aged out due to <string>, probable misconfiguration****Explanation:**

This message is displayed when the Hunt Group protocol receives an invalid control message. The SmartTRUNK is brought down as a result of this.

**Recommended Action:**

Check connection and remote switch state.

**%STRNK-W-CDPPORTSTATE CDP is configured on one or more ports being added to the SmartTRUNK. The CDP state on the port(s) will now reflect the state of the SmartTRUNK as a whole. Use the "cdp set port-status" command to configure CDP on the SmartTRUNK.****Explanation:**

In order for CDP to function over a SmartTRUNK, users must configure CDP on the SmartTRUNK as a whole, not on the individual ports. If a user adds CDP-configured ports to a SmartTRUNK, the CDP state of the ports will change to match the current CDP state of the SmartTRUNK.

**Recommended Action:**

Configure CDP on all ports in the SmartTRUNK by setting the CDP port-state on the SmartTRUNK (e.g., **cdp set port-status port st.1 status enable**).

**%STRNK-W-INVLD Received ctrl pkt on <port\_name> port <port\_number> not part of hunt group****Explanation:**

This message is displayed when a SmartTRUNK control packet was received on a SmartTRUNK port which does not have the Hunt Group protocol enabled.

**Recommended Action:**

Verify SmartTRUNK has Hunt Group protocol enabled.

**%STRNK-W-MISCONFIG SmartTRUNK <name> misconfigured on port <port\_name>**

**Explanation:**

This message is displayed when SmartTRUNK is misconfigured, e.g. 2 ports of a SmartTRUNK are connected to 2 different remote switches. Seen only if the Hunt Group protocol is enabled.

**Recommended Action:**

Verify SmartTRUNK connections/configuration.

**%STRNK-W-TIMEOUTIGNORED Timeout <seconds> ignored for SmartTRUNKs <name> as no protocol is enabled, using default timeout of 1 second**

**Explanation:**

This message is displayed when the timeout is specified for a SmartTRUNK in a no-protocol mode.

**Recommended Action:**

No action required, timeout is ignored.

## Error Messages

**%STRNK-E-AGGEXISTS Aggregator parameters already set for this SmartTRUNK, remove other command first.**

**Explanation:**

This message appears if you already set the parameters for the aggregator on this SmartTRUNK with a smarttrunk **lacp aggregator command**.

**Recommended Action:**

To change these parameters, negate the existing command.

**%STRNK-E-ALIASATTACHED, The SmartTRUNK '<name>' has an associated SNMP ifAlias. The ifAlias must be removed before removing the SmartTRUNK.**

**Explanation:**

This error will occur if you attempt to negate a “smarttrunk create” command for an interface that has been assigned an alias via the “snmp set if-alias” command.

**Recommended Action:**

Negate the “snmp set if-alias” command before negating the “smarttrunk create” command.

**%STRNK-E-CREATEQ Error creating LGRP queue**

**Explanation:**

This message is displayed when a queue for the link group cannot be created due to lack of resources.

**Recommended Action:**

Contact Enterasys Technical Support.

**%STRNK-E-DIFFGRP Port(s) <port\_name> already part of a different SmartTRUNK**

**Explanation:**

This error message is displayed when the user attempts to add a port to a SmartTRUNK and the port is already a member of an existing SmartTRUNK group.

**Recommended Action:**

Verify the port specified is not a member of another SmartTRUNK.

**%STRNK-E-DIFFHASH Hash Function for <port\_name> is different than %s**

**Explanation:**

The hash mode of this mode does not match that of the other ports belonging to the SmartTRUNK.

**Recommended Action:**

Check the has mode of the ports belonging to the SmartTRUNK and set the port's hash mode appropriately.

### **%STRNK-E-DIFFMEDIA Media type of port '<port\_name>' does not match that of all other ports**

**Explanation:**

The media type of the port being added is not the same as the media type of the other ports belonging to the SmartTRUNK.

**Recommended Action:**

Check the media type of the ports belonging to the SmartTRUNK and use the appropriate media type.

### **%STRNK-E-DIFFNEGOTIATION Port <port\_name> auto-negotiation setting does not match %s setting**

**Explanation:**

The auto negotiation setting of the port being added is not the same as that of the other ports in the same trunk.

**Recommended Action:**

Change the auto negotiation setting of the port to that of the other ports in the SmartTRUNK.

### **%STRNK-E-DIFFSPEED Port speed of <port\_name> does not match speed of other STRNK ports**

**Explanation:**

The speed of the port being added is to the same as that of the other ports already part of the SmartTRUNK.

**Recommended Action:**

Check the speed of the ports belonging to the SmartTRUNK and use a port of the appropriate speed.

### **%STRNK-E-DISABLED SmartTRUNK is disabled, cannot transmit data**

**Explanation:**

This message is displayed when a SmartTRUNK has been administratively disabled or all ports of a SmartTRUNK are inactive.

**Recommended Action:**

Enable SmartTRUNK or check for misconfiguration of SmartTRUNK.



## **%STRNK-E-DUPX Port <port\_name> is not full-duplex, cannot add to SmartTRUNK**

**Explanation:**

The port being added to the SmartTRUNK should be full duplex. A half duplex port cannot be added to the SmartTRUNK.

**Recommended Action:**

Check the settings of the port and make it full duplex.

## **%STRNK-E-EXISTS SmartTRUNK <name> already exists**

**Explanation:**

This message is displayed when the SmartTRUNK being created already exists.

**Recommended Action:**

Verify the name of the SmartTRUNK being created.

## **%STRNK-E-FAILED SmartTRUNK(s) <name> could not be created**

**Explanation:**

This message is displayed when an error is encountered while creating a SmartTRUNK because system memory is insufficient.

**Recommended Action:**

Upgrade memory on Control Module.

## **%STRNK-E-FAILREGMCASTADDR Failed to register multicast address**

**Explanation:**

The register groupcast call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%STRNK-E-LACPADDPORTS Ports are added to an LACP SmartTRUNK dynamically, use the lacp actor-parameters command.**

**Explanation:**

This message appears when you attempt to add ports to an LACP SmartTRUNK using the **smarttrunk add ports** command.

**Recommended Action:**

Ports join a LAG on an LACP smarttrunk dynamically. You must set the actor port parameters using the smarttrunk **lacp actor-parameters** command to determine which LAGs a port will be able to join.

## **%STRNK-E-LACPKEYCNFLCT Actor-key conflicts with the default key for this port-type, please choose another.**

**Explanation:**

This message appears when you choose the default key for a 10-100 port and the port is a gig-port (or vice versa).

**Recommended Action:**

Choose a key that does not conflict with these default values.

## **%STRNK-E-MCASTREG Cannot register huntgroup mcast address**

**Explanation:**

This message is displayed when the link group task is unable to register the hunt group multicast address.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%STRNK-E-NEGFAILED SmartTRUNK(s) <name> could not be deleted**

**Explanation:**

This message is displayed when a SmartTRUNK is being deleted and if the SmartTRUNK has member ports on it or the SmartTRUNK has other actions created on it.

**Recommended Action:**

Remove all member ports. Verify no other action is present on the SmartTRUNK.

**%STRNK-E-NOLACP SmartTRUNK was not created with the LACP protocol****Explanation:**

This message appears if you try to set LACP parameters for a SmartTRUNK that was not created with the LACP protocol.

**Recommended Action:**

To set the LACP protocols, the SmartTRUNK must be created with the LACP protocol using the command, **smarttrunk create <name> protocol lacp**.

**%STRNK-E-NOMEM Out of memory, cannot transmit control packets****Explanation:**

The link group task cannot allocate memory.

**Recommended Action:**

Contact Enterasys Technical Support.

**%STRNK-E-NON\_ENET Cannot add non ethernet port <port\_name> to SmartTRUNK****Explanation:**

This message is displayed when a non ethernet port, WAN HSSI or Serial, is added to a SmartTRUNK. SmartTRUNK only supports Ethernet, Fast Ethernet or Gigabit Ethernet ports.

**Recommended Action:**

Verify the port being added to a SmartTRUNK is an ethernet port.

**%STRNK-E-NOSUPPORT This port <port name> does not Support the <SmartTrunk protocol> protocol.****Explanation:**

This message appears when a user attempts to add a port to a SmartTRUNK but the SmartTRUNK protocol selected does not support ports of this type.

**Recommended Action:**

Select a different SmartTRUNK protocol for the port.

## **%STRNK-E-OTHERCMDS Remove other commands for <name> before deleting SmartTRUNK**

**Explanation:**

This message is displayed when SmartTRUNK is deleted and there are actions on SmartTRUNK that have not been removed.

**Recommended Action:**

Remove command enable on SmartTRUNK before negating SmartTRUNK.

## **%STRNK-E-PORTSATTACHED Remove member ports from <name> before deleting SmartTRUNK**

**Explanation:**

This message is displayed when a SmartTRUNK is deleted before the member ports are deleted.

**Recommended Action:**

Delete ports from SmartTRUNK before deleting SmartTRUNK.

## **%STRNK-E-PORTISLACP LACP is enabled on port [port-label], you must first disable LACP on this port**

**Explanation:**

This message is displayed when trying to add ports to a SmartTRUNK that have LACP enabled on them already.

**Recommended Action:**

The user must negate the SmartTRUNK lacp actor-parameters command that enabled LACP on this port before adding the port to another SmartTRUNK.

## **%STRNK-E-STNOTFOUND SmartTRUNK <name> not found**

**Explanation:**

This message is displayed when a non-existent SmartTRUNK is specified for any SmartTRUNK command.

**Recommended Action:**

Verify SmartTRUNK has been created.

## **%STRNK-E-TIMER Cannot create STRNK global timer**

**Explanation:**

The timer call to the kernel failed.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%STRNK-E-TRUNKPORT, Cannot add trunk port '<port\_id>' to SmartTRUNK**

**Explanation:**

A user attempted to add a trunk port to a SmartTRUNK using the **smarttrunk add ports** command.

**Recommended Action:**

Verify that the port type is not a trunk port before adding it to the SmartTRUNK port. To change the port into a trunk port, add the port to the SmartTRUNK then configure the SmartTRUNK as trunk port using the **vlan make trunk-port** command.

## **%STRNK-E-XMTQFULL Cannot send packet, transmit Q full**

**Explanation:**

This message is displayed when the queue for sending control packets is full and SmartTRUNK control packets cannot be transmitted.

**Recommended Action:**

None.



# Chapter 69

## SNMP Error Messages

This chapter describes the error messages for the Simple Network Management Protocol facility.

### Information Messages

**%SNMP-I-DSCVR\_ENGINE, SNMP will attempt to discover the engine-id for the agent at: <IP Address>**

**Explanation:**

This message appears when the router attempts to “discover” the engine-id of another SNMP entity by sending a discovery packet to the specified address. If the router receives a response, it will print the ENGINE\_DSCVRD error log message.

**Recommended Action:**

Informational message. No action required.

**%SNMP-I-DS\_REGISTERED RMON Data Source registered.**

**Explanation:**

RMON data source is registered on the X-Pedition router.

**Recommended Action:**

Informational message. No action required.

## **%SNMP-I-DS\_UNREGISTERED RMON Data Source un-registered.**

**Explanation:**

RMON data source is un-registered on the X-Pedition router.

**Recommended Action:**

Informational message. No action required.

## **%SNMP-I-ENGINE\_DSCRVD, SNMP has just discovered an engine- id for: 10.136.136.210 Engine-ID = 0x80:00:07:e5:80:09:86:da:7f:92:1b:58:3d**

**Explanation:**

The X-Pedition router does not turn on SNMP immediately after booting; rather, it allows the router to settle and begin normal operations. Once the initial delay is over and the router begins sending and receiving SNMP packets, this message will appear each time the router learns about a remote SNMP engine-ID. This can occur for several reasons, but the most common is a result of a discovery packet that the router sent. Discovery packets occur when users configure an SNMPv3 inform target using the **snmp set target** command or when users enter the **snmp show engine-id x** command where x is an IP address of a remote SNMP entity.

**Recommended Action:**

Informational message. No action required.

## **%SNMP-I-ENABLED SNMP Agent enabled**

**Explanation:**

The SNMP Agent on the X-Pedition router has started.

**Recommended Action:**

Informational message. No action required.

## **%SNMP-I-ENTIRE\_REPLACEMENT, SNMP will now completely negate the existing configuration and replace it with the new configuration.**

**Explanation:**

Using the **cfgTransferOp** MIB to add or negate unique commands from both the old and new configurations was unsuccessful. SNMP will now completely negate the existing configuration and replace it with the new one—this may take a moment and protocol reconvergence will be necessary. The X-Pedition router will suppress console messages during this operation.

**Recommended Action:**

Informational message. No action required.



**%SNMP-I-NAME\_ASSIGNED Target has been assigned the name <target-name>****Explanation:**

This message appears when you add a new SNMP target to the active configuration but fail to specify a target name. In such instances, the router will assign a name to the target.

**Recommended Action:**

Informational Message. No action required.

**%SNMP-I-REPLACING\_CONFIGURATION, SNMP is about to replace your active and startup configurations as a result of setting MIB variable cfgActivateFile.****Explanation:**

This message appears when a user sets cfgActivateFile to 1. This message informs the user that someone is about to replace the active configuration with a new version. Because the new configuration may be very different from the active configuration, the router may not run properly.

**Recommended Action:**

Informational Message only, no action required.

**%SNMP-I-REPLACEMENT\_COMPLETE, The new file has been successfully added to the startup and active configuration through the SNMP.****Explanation:**

The configuration transfer via the cfgTransferOp OID was successful. The configuration loaded from the tftp-server is now the active and startup configuration file.

**Recommended Action:**

Informational Message only, no action required.

**%SNMP-I-RMON\_ENABLED RMON agent enabled.****Explanation:**

The RMON agent on the X-Pedition router has initialized and is ready to accept RMON commands from the CLI.

**Recommended Action:**

Informational message. No action required.

## **%SNMP-I-TRAP\_SENT, Sending <notification-type> notification to management station**

**Explanation:**

The SNMP agent sent the specified notification (trap or inform) to the management station.

**Recommended Action:**

Informational message. No action required.

## **Audit Messages**

### **%SNMP-A-COMMAND\_ADD “SNMP Agent command (%s) added to configuration”**

**Explanation:**

An SNMP configuration command was added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

### **%SNMP-A-COMMAND\_FAIL “SNMP Agent command (%s) failed to execute”**

**Explanation:**

An SNMP configuration command failed to execute when added to the active configuration.

**Recommended Action:**

Check the command options and syntax and try the command again.

### **%SNMP-A-COMMAND\_MOD “SNMP Agent command (%s) modified existing command”**

**Explanation:**

An SNMP configuration command in the active configuration was modified.

**Recommended Action:**

Security audit message. No action necessary.

## **%SNMP-A-COMMAND\_REM “SNMP Agent command (%s) removed from configuration”**

**Explanation:**

An SNMP configuration command was removed from the configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **Warning Messages**

### **%SNMP-W-GENERAL\_WARNING <General warning message>**

**Explanation:**

The SNMP Agent detected an unexpected condition while processing a request or sending a trap.

**Recommended Action:**

Contact Enterasys Technical Support

### **%SNMP-W-RMON\_DISABLED RMON Agent resource allocation failure.**

**Explanation:**

RMON agent resource allocation has failed.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%SNMP-W-RMON\_MEM, RMON memory max'ed out. You may want to add more memory to RMON.**

**Explanation**

RMON has reached its maximum allocated memory and can not fill any more entries in its tables.

**Recommended action**

Allocate more memory with the RMON set memory command, limit the number of entries in the tables, or reduce the number of ports that you are collecting data on. Verify the memory with the RMON show status command.

## Error Messages

### **%SNMP-E-ACCESS\_NOT\_FOUND, The specified group could not be found**

**Explanation:**

Internal error. A specific group or vacmAccessEntry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support.

### **%SNMP-E-ADD\_TARGET\_FAIL Add target failed reason=<reason>**

**Explanation:**

Adding an SNMP target failed.

**Recommended Action:**

Verify that the target parameters are correct and reenter command.

### **%SNMP-E-BAD\_KEYFILE, The USM keyfile appears to be corrupt**

**Explanation:**

An error occurred while reading a file from the VFS file system. This error may prevent SNMPv3 users from being able to authenticate with the router.

**Recommended Action:**

Reconfigure the SNMPv3 user accounts that are using authentication or privacy.

### **%SNMP-E-BADIFNAME, No existing interface named '<name>' could be found**

**Explanation:**

This error indicates that the specified interface name does not match the name of any existing interfaces.

**Recommended Action:**

Check to be sure the interface exists and its name is spelled correctly.

## **%SNMP-E-COM\_NOT\_FOUND The specified community could not be found**

**Explanation:**

This internal error indicates that a specific community entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support.

## **%SNMP-E-DS\_REG\_FAILED Internal Error Data Source NOT registered.**

**Explanation:**

The X-Pedition router is out of memory and RMON cannot get what it needs.

**Recommended Action:**

Use the system show capacity memory command to see memory usage.

## **%SNMP-E-FILTER\_NOT\_FOUND, The specified filter could not be found**

**Explanation:**

Internal error. A specific filter entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support

## **%SNMP-E-GENERAL\_ERROR <General error message>**

**Explanation:**

The SNMP Agent detected an error while processing a request or sending a trap.

**Recommended Action:**

Contact Enterasys Technical Support

## **%SNMP-E-INVALID\_ENGINEID, The Engine-ID that was specified is not valid**

**Explanation:**

This message indicates that an error occurred while reading an Engine-ID value. The supplied value did not appear to be a valid Engine-ID.

**Recommended Action:**

Try entering the command again. Engine-IDs should be entered in hexadecimal notation (e.g., 0x00:00:15:f8:00:00:00:e0:63:66:ca:b1).

## **%SNMP-E-INVALID\_MASK, The specified mask is not valid**

**Explanation:**

An error occurred while reading a mask value. The supplied value did not appear to be a valid mask.

**Recommended Action:**

Try to enter the command again. Masks should be entered in hexadecimal notation (e.g., 0xa0:b1:c2:d3).

## **%SNMP-E-INVALID\_OID <character-string> is not a valid OID**

**Explanation:**

This message indicates that an error occurred while reading an OID value. The supplied value did not appear to be a valid OID.

**Recommended Action:**

Try entering the command again. OIDs should be entered in dot notation (i.e., 1.3.6.1).

## **%SNMP-E-KEYFILE\_RD\_FAILED, An error occurred reading the USM keyfile**

**Explanation:**

An error occurred while attempting a read operation from the VFS file system. This error may cause SNMPv3 users to be unable to authenticate with the router.

**Recommended Action:**

Reconfigure the SNMPv3 user accounts that are using authentication or privacy.

## **%SNMP-E-KEYFILE\_WR\_FAILED, An error occurred writing the USM keyfile**

### **Explanation:**

An error occurred while attempting a write operation to the VFS file system. This error may result in SNMPv3 users being unable to authenticate with the router—in this case, user accounts may need to be recreated on the router.

### **Recommended Action:**

Please contact Enterasys Technical Support.

## **%SNMP-E-MIB\_LOCKED <mib-name> is locked and cannot be enabled or disabled**

### **Explanation:**

User attempted to disable a MIB which controls access to the SNMP agent. This is not allowed.

### **Recommended Action:**

Select a different MIB name.

## **%SNMP-E-MIB\_NOT\_IMPLEMENT <mib-name> is not implemented**

### **Explanation:**

User attempted to disable/enable a MIB which is not implemented.

### **Recommended Action:**

Select a different MIB name and try the command again.

## **%SNMP-E-NO\_ENABLED\_TARGETS No configured managers are enabled to receive SNMPv1 traps**

### **Explanation:**

Even though an agent has been configured to send SNMP Traps to a manager, a trap cannot be sent by the X-Pedition router because the configuration has them all disabled.

### **Recommended Action:**

Enable the Management Station to receive SNMPv1 traps in the config file.

## **%SNMP-E-NO\_TARGETS No managers defined to receive SNMPv1 traps**

**Explanation:**

The SNMP Agent cannot send a Trap because the user did not define a Management Station to receive the trap.

**Recommended Action:**

Specify a Management Station to receive SNMPv1 traps.

## **%SNMP-E-NOAUTHKEY, No authentication key found for user <user-name> (Engine-ID: <engine-id>)**

**Explanation:**

This error indicates that the specified user is configured to use authentication, but that no authentication key is available for the user.

**Recommended Action:**

A new authentication password will need to be configured for this user before the user will be able to authenticate with the router.

## **%SNMP-E-NOPRIVKEY, No privacy key found for user <user-name> (Engine-ID: <engine-id>)**

**Explanation:**

This error indicates that the specified user was configured to use privacy, but no privacy key is available for the user.

**Recommended Action:**

You will need to configure a new privacy password for this user before the user will be able to authenticate with the router.

## **%SNMP-E-NOTIFY\_NOT\_FOUND, The specified notify could not be found**

**Explanation:**

Internal error. A specific notify entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support



## **%SNMP-E-PARAM\_NOT\_FOUND, The specified target-param could not be found**

**Explanation:**

Internal error. A specific target-param entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support

## **%SNMP-E-PROFILE\_NOT\_FOUND, The specified filter profile could not be found**

**Explanation:**

Internal error. A specific filter profile entry was not found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support

## **%SNMP-E-REM\_TARGET\_FAIL Remove target failed reason=<reason>**

**Explanation:**

Removing an SNMP target failed.

**Recommended Action:**

Verify that the target parameters are correct and reenter command.

## **%SNMP-E-STG\_NOT\_FOUND, The specified security-group could not be found**

**Explanation:**

Internal error. A specific security-to-group entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support.

## **%SNMP-E-STOPTIMER Internal Error stop timer failed code <number>**

**Explanation:**

This message is displayed when a system software error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SNMP-E-TARGET\_NOT\_FOUND, The specified target could not be found**

**Explanation:**

Internal error. A specific target entry was not found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support

## **%SNMP-E-TRAP send trap pdu to host “<host\_name>” failed: <error>**

**Explanation:**

This message is displayed when a system software error has occurred.

**Recommended Action:**

Check your network connection via ping or traceroute.

## **%SNMP-E-TRAP\_DISABLED This trap type has been disabled**

**Explanation:**

The specified trap cannot be sent because this trap type has been disabled.

**Recommended Action:**

Enable the sending of this trap type in the configuration file.

## **%SNMP-E-USER\_NOT\_FOUND, The specified user could not be found**

**Explanation:**

Internal error. A specific user entry could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support.

## **%SNMP-E-VIEW\_NOT\_FOUND, The specified view could not be found**

**Explanation:**

An internal error indicating that a specific view could not be found during handling of an SNMP operation.

**Recommended Action:**

Please contact Enterasys Technical Support.

## **%SNMP-E-WRITECONFIG Internal Error writing startup file code <number>**

**Explanation:**

This message is displayed when a system software error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 70

## Packet-Over-Sonet Error Messages

This chapter describes the error messages for the Packet-Over-Sonet facility.

### Informational Messages

**%SONET-I-SONETAPS\_SWITCH %s EVENT CAUSED AN APS  
SWITCH FROM %s TO %s**

**Explanation:**

This is an informational message which is displayed when an external event causes the Automatic Protection Switching (APS) function to switch from the working port to the protection port.

**Recommended Action:**

Informational message. No action required.

## Warning Messages

### **%SONET-W-GCASTRLSE Cannot release gcast entry %d**

**Explanation:**

This message is displayed as a result of an internal error

**Recommended Action:**

Contact Enterasys Technical Support.

## Error Messages

### **%SONET-E-APS\_CFG\_INVALID The working port and protecting port cannot be the same.**

**Explanation:**

This message is displayed when a user tries to configure a port as both a protecting port and a working port.

**Recommended Action:**

Check to see that the port being configured is the one intended.

### **%SONET-E-APS\_CFG\_PRESENT Invalid port %s. This port is already configured as '%s'**

**Explanation:**

This message is displayed when a command tries to configure a port as a protecting port, but the port has already been configured as an APS working port (or vice versa).

**Recommended Action:**

The command probably specified a different port than was intended. Please check the port being configured and make sure that it is the one intended.

**%SONET-E-APS\_HIGHERPRIO Bridge request <string> was not executed. Higher Priority requests exists on port <port>**

**Explanation:**

This error message is displayed when an attempt to execute an APS Bridge request on a port and the port already has a higher priority bridge request on it.

**Recommended Action:**

This may be a temporary condition. Retry.

**%SONET-E-APS\_INVALID\_CFG Certain Sonet commands are already present on the Working port <port>. These commands are generally applicable only to the Protecting port. Negate the other commands or apply them to the Protecting port <port>.**

**Explanation:**

This message is displayed when configuring APS. The port that is being configured as a Working port has conflicting commands in the config.

**Recommended Action:**

Negate those commands or reapply those commands to the Protecting port.

**%SONET-E-APS\_INVALIDOPER Invalid bridge request'<string>' on port <port\_number>**

**Explanation:**

This error message is displayed when an attempt to execute an APS Bridge request on a port that was not configured for APS was made.

**Recommended Action:**

Call Enterasys Technical Support.

## **%SONET-E-APS\_MISMATCH Unable to configure APS.**

**Explanation:**

This message is displayed when configuring APS. The port being configured has some other command that has been applied. The Protecting port inherits the configurative values from the Working port.

**Recommended Action:**

Negate the commands that have been applied to the Protecting port and apply them on the Working port.

## **%SONET-E-APS\_PROTSW\_EXISTS A protection switch command already exists on the %s port -- %s. The protection switch command can only be applied to either the working port or the protecting port at any given time.**

**Explanation:**

A protection switch command already exists on either the working port or the protecting port.

**Recommended Action:**

If you want to change the port to which you applied a protection switch, you must first disable the switch, then can apply it to the new port.

## **%SONET-E-APS\_SINGLEPORT Option '%s' requires a single Sonet port**

**Explanation:**

This message appears when multiple ports are specified as working or protecting ports.

**Recommended Action:**

For APS, only one port can be specified in a given command.

## **%SONET-E-APS\_UNAVAILABLE Error initializing EPT table. APS was not configured on port %s**

**Explanation:**

This message appears as a result of an internal error while configuring APS.

**Recommended Action:**

Note message and actions performed which caused it, and contact Enterasys Technical Support.



**%SONET-E-OPTIONNOTALLOWEDONPORT Port %s, this option is not allowed for this type of port.**

**Explanation:**

The operation attempted is not allowed for ports of this type.

**Recommended Action:**

Check to see that the port on which you attempted the operation is the port you intended.

**%SONET-E-SONET\_APSPROTONLY This option requires a port that has been already configured as a Protecting port.**

**Explanation:**

This message is displayed when a certain APS command has specified a port and the port is not already configured as a Protecting port.

**Recommended Action:**

Configure the port as a Protecting port or apply the command on a port that has been configured as a Protecting port.

**%SONET-E-VALUE\_TOO\_LONG Value in CLI command is too long**

**Explanation:**

The value specified for CIRCUIT ID is too long.

**Recommended Action:**

Specify a value of 64 characters or less.

## Fatal Messages

**%SONET-F-SONET\_NOMEM Memory allocation failed: %s**

**Explanation:**

The router has run out of memory.

**Recommended Action:**

Call Enterasys Technical Support.



# Chapter 71

## SR Error Messages

This chapter describes the error messages for the SR facility.

### Informational Messages

**%SR-I-CLOCK\_TEMPOKAY Clock card temperature is within %s**

**Explanation:**

The temperature of the clock card is within tolerance.

**Recommended Action:**

None.

**%SR-I-CPU0\_TEMPOKAY CM-0 temperature is within %s**

**Explanation:**

The temperature of the control module in slot 0 is within tolerance.

**Recommended Action:**

None.

## **%SR-I-CPU1\_TEMPOKAY CM-1 temperature is within %s**

**Explanation:**

The temperature of the control module in slot 1 is within tolerance.

**Recommended Action:**

None.

## **%SR-I-FABRIC1\_TEMPOKAY Fabric-1 card temperature is within %s**

**Explanation:**

The temperature of the fabric-1 card is within tolerance.

**Recommended Action:**

None.

## **%SR-I-FABRIC2\_TEMPOKAY Fabric-2 card temperature is within %s**

**Explanation:**

The temperature of the fabric-2 card is within tolerance.

**Recommended Action:**

None.

## **%SR-I-SLOT\_TEMPOKAY Slot %d temperature is within %s**

**Explanation:**

The temperature of the specified module is within tolerance.

**Recommended Action:**

None.

## Warning Messages

### **%SR-W-CLOCK\_TEMPTOOHIGH Clock card temperature has exceeded %s**

**Explanation:**

The temperature of the clock card is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

### **%SR-W-CPU0\_TEMPTOOHIGH CM-0 temperature has exceeded %s**

**Explanation:**

The temperature of the control module in slot 0 is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

### **%SR-W-CPU1\_TEMPTOOHIGH CM-1 temperature has exceeded %s**

**Explanation:**

The temperature of the control module in slot 1 is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

### **%SR-W-FABRIC1\_TEMPTOOHIGH Fabric-1 card temperature has exceeded %s**

**Explanation:**

The temperature of the clock card is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

## **%SR-W-FABRIC2\_TEMPTOOHIGH Fabric-2 card temperature has exceeded %s**

**Explanation:**

The temperature of the clock card is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

## **%SR-W-QSEDNFULL queue full**

**Explanation:**

This message is displayed when an internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SR-W-RESTART\_TIMER\_FAILED Debounce, NUE\_Restart\_**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SR-W-SLOT\_TEMPTOOHIGH Slot %d temperature has exceeded %s**

**Explanation:**

The temperature of the specified module is too high.

**Recommended Action:**

Turn off equipment. Verify that the room temperature is not greater than the allowed maximum of 104 F. Contact Enterasys Technical Support.

## **%SR-W-SPURIOUSINT spurious interrupt, unknown reason**

**Explanation:**

This message is displayed when something interrupts system operation. This message is often caused by thermal conditions.

**Recommended Action:**

Check for fan failure.

## **%SR-W-START\_TIMER\_FAILED Debounce, NUE\_Start\_Timer**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SR-W-STOP\_TIMER\_FAILED Debounce, NUE\_Stop\_Timer**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SR-W-WAIT\_TEG\_EVENTS Debounce, NUE\_Wait\_For\_TEG\_Events**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## Error Messages

### **%SR-E-DIAGQ Couldn't create DIAGNOSTIC Queue**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

## Fatal Messages

### **%SR-F-CREATE\_TIMER\_FAILED NU\_Create\_Simple\_Timer failed, sts=%d**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%SR-F-HISRFAIL failed to create driver HISR, sts=%d**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%SR-F-LISRFAIL failed to register driver LISR, sts=%d**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.



**%SR-F-QSENDFAIL queue send failed, sts=%d**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 72

## Secure Shell (SSH) Error Messages

This chapter describes the error messages for the Secure Shell facility.

### Informational Messages

#### **%SSH-I-INFO, <general information>**

**Explanation:**

This message reports general informational events that occur during an SSH server or SSH client session. The actual cause or significance of the message will depend on the specific information contained therein.

**Recommended Action:**

Informational message only, no action necessary. For further assistance, please contact Enterasys Technical Support.

#### **%SSH-I-KILLED, SSH session <x> has been killed.**

**Explanation:**

The **system kill ssh-session** command was used successfully to “kill” an active SSH session.

**Recommended Action:**

Informational message only, no action necessary.

## **%SSH-I-KILLING, SSH Session <x> is already being killed.**

**Explanation:**

A user attempted to use the **system kill ssh-session** command to “kill” a session that is already being killed.

**Recommended Action:**

Informational message only, no action necessary.

## **%SSH-I-STOPPING, The SSH server is shutting down. Waiting for SSH sessions to end.**

**Explanation:**

A user attempted to stop the SSH server when it was already in the process of shutting down.

**Recommended Action:**

Informational message only, no action necessary.

## **Audit Messages**

### **%SSH-A-GRACE\_TIMEOUT, SSH session <x> authentication grace period exceeded.**

**Explanation:**

An SSH session timed-out while authenticating with the local system.

**Recommended Action:**

Security audit message. No action necessary.

### **%SSH-A-HOSTKEYGENERATED, <length>-bit <key\_type> host key generated.**

**Explanation:**

A new host key of the length and type specified has been generated via the **ssh-server generate-host-key** command.

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-KNOWNHOSTADDED, Permanently added the *<key\_type>* host key for IP address '*<address>*' to the list of known hosts.**

**Explanation:**

A remote SSH server's host key has been added to the local system's "known hosts" database.

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-KNOWNHOSTDELETED, *<count>* *<key\_type>* host key(s) for host '*<hostname>*' deleted from the list of known hosts.**

**Explanation:**

One or more host keys belonging to a remote SSH server have been deleted from the local system's "known hosts" database.

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-KNOWNHOSTREPLACED, Permanently replaced the *<key\_type>* host key for host '*<hostname>*' in the list of known hosts.**

**Explanation:**

The specified host key belonging to a remote SSH server has been replaced with a new key in the local system's "known hosts" database.

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-KNOWNHOSTSBREACHED, The *<filename>* file appears to have been modified. It is possible that someone may have tampered with the file in an attempt to enable a man-in-the-middle attack or for other malicious purposes. No outbound SSH connections will be possible until an authorized user recreates a new “known hosts” database.**

**Explanation:**

This message indicates that the Known Hosts database has been modified. Since this might mean that the Known Hosts database can no longer be trusted, new SSH client sessions will not be possible until a new trusted Known Hosts database is constructed. Use the **ssh-client clear-known-hosts** command to reset the Known Hosts database, then add new keys to the database.

**Recommended Action:**

This message appears only if the system detects that the Known Hosts database file has been altered. The actual alteration may have occurred long before it was detected by the system.

**%SSH-A-KNOWNHOSTSCLEARED, Known Hosts database cleared.**

**Explanation:**

The local system's "known hosts" database has been cleared (i.e., all host keys have been deleted).

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-LOGIN “SSH user login.”**

**Explanation:**

A new SSH user logged in to the system.

**Recommended Action:**

Security audit message. No action necessary.

**%SSH-A-LOGINFAIL, *<count>* login failure(s) from *<remote\_system>***

**Explanation:**

Repeated SSH login attempts have failed and the remote system has been disconnected.

**Recommended Action:**

Security audit message. No action necessary.

## **%SSH-A-LOGOUT, SSH user logout.**

**Explanation:**

An SSH user logged out.

**Recommended Action:**

Security audit message. No action necessary.

## **%SSH-A-NEWHOSTKEYS, <x> new host keys have been successfully imported to the “known hosts” database.**

**Explanation:**

One or more new host keys have been imported into the Known Hosts database via the **ssh-client import-host-keys** command.

**Recommended Action:**

Security audit message. No action necessary.

## **%SSH-A-SHUTDOWN “The SSH server has shut down.”**

**Explanation:**

The SSH server was terminated by removing the “ssh enable” configuration command.

**Recommended Action:**

Security audit message. No action necessary.

## **%SSH-A-STARTUP “The SSH server has started.”**

**Explanation:**

The SSH server has been started by adding the “ssh enable” configuration command.

**Recommended Action:**

Security audit message. No action necessary.

## Warning Messages

### **%SSH-W-BADPOOL, The entropy pool file is invalid.**

**Explanation:**

A file stored on the system's internal flash appears to be corrupt—the system can continue to function normally and will eventually reconstruct the file; however, while the file is corrupt, the system's ability to generate random data used to generate secure encryption keys may be degraded.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%SSH-W-BADSEED, The PRNG seed file is invalid.**

**Explanation:**

A file stored on the system's internal flash appears to be corrupt—the system can continue to function normally and will eventually reconstruct the file; however, while the file is corrupt, the system's ability to generate random data used to generate secure encryption keys may be degraded.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%SSH-W-ENTROPYDEPLETED, The entropy pool has been depleted.**

**Explanation:**

This message usually indicates that the entropy pool file is corrupt or has been deleted—the system can continue to function normally and will eventually reconstruct the file; however, while the file is corrupt, the system's ability to generate random data used to generate secure encryption keys may be degraded.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

### **%SSH-W-IDLE\_TIMEOUT, SSH session <x> idle timeout.**

**Explanation:**

An authenticated SSH session timed-out due to session inactivity.

**Recommended Action:**

No action necessary.



## **%SSH-W-SAVEPOOL, An error occurred while saving the entropy pool file.**

### **Explanation:**

The system encountered an error while attempting to save a file to the internal flash—the system can continue functioning normally; however, in the event of a reboot, the system's ability to generate random data used to generate secure encryption keys may be degraded.

### **Recommended Action:**

Make sure there is more than 100KB of free space on the internal flash. If the problem persists, contact Enterasys Technical Support.

## **%SSH-W-SAVESEED, An error occurred while saving the generated random seed.**

### **Explanation:**

The system encountered an error while attempting to save a file to the internal flash—the system can continue functioning normally; however, in the event of a reboot, the system's ability to generate random data used to generate secure encryption keys may be degraded.

### **Recommended Action:**

Make sure there is more than 100KB of free space on the internal flash. If the problem persists, contact Enterasys Technical Support.

## **Error Messages**

## **%SSH-E-ERR, <general error message>**

### **Explanation:**

This message reports general error events that occur during an SSH server or SSH client session. The actual cause or significance of the message will depend on the specific information contained therein. This message may indicate that a problem exists, but usually indicates that an isolated problem was detected during an individual SSH session—usually resulting in the termination of that session.

### **Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%SSH-E-HKGINPROGRESS, Host Key Generation is already in progress. Please wait for other users to finish generating keys and try again.**

**Explanation:**

Two or more users in different concurrent sessions are simultaneously attempting to generate new SSH host keys. The X-Pedition router will generate only one set of host keys at a time.

**Recommended Action:**

Wait until the router finishes generating keys in other sessions.

**%SSH-E-IMPORTHOSTKEYS, An error occurred while attempting to import new host keys from *<filename>*.**

**Explanation:**

The **ssh-client import-host-keys** command failed to import one or more keys due to an error. Possible causes might include an invalid file format of the file being imported, a corrupt Known Hosts database, or a missing PCMCIA flash card.

**Recommended Action:**

Ensure that the file being imported is valid and that a PCMCIA flash card is present in the system chassis. As a last resort, you may need to clear the Known Hosts database.

**%SSH-E-INVALIDESCAPE, “<x>” is not a valid escape character.**

**Explanation:**

The **ssh-client set escape** command was saved to the active configuration, or the **escape** command-line option was specified on the **ssh** command-line, but the specified character or characters do not formulate a valid escape-sequence initiator.

**Recommended Action:**

Verify that you are using a valid escape character. A valid escape character is any single character in the ASCII character set. The character may be prefixed by the circumflex character (^) in order to specify a control character.

**%SSH-E-KEYNOTPRESENT, The *<key-type>* Public Host Key has not been generated or can't be found.**

**Explanation:**

A user attempted to view a SSH server public host key that does not exist.

**Recommended Action:**

No action necessary.

**%SSH-E-MISSINGHOSTKEY, *<key-type>* host key missing (required for protocol version *<x>*). Generate the missing key and restart the SSH server.**

**Explanation:**

The SSH server could not start because it could not find the necessary host key(s).

**Recommended Action:**

Generate the required keys via the **ssh-server generate-host-key** command, or change the enabled protocol versions with the **ssh-server set protocol-version** command.

**%SSH-E-NOHOSTKEY, No known *<key-type>* host key exists for host "*<host>*".**

**Explanation:**

A user attempted to delete one or more host keys from the Known Hosts database; however, no such keys exist for the named host.

**Recommended Action:**

Verify that the specified name or IP address was spelled correctly.

**%SSH-E-NOSOCKET, Unable to initialize TCP port *<x>*. The SSH server will be unable to accept incoming connections from SSH clients.**

**Explanation:**

The SSH server started, but could not bind to the configured TCP port. Most likely, some other service is already listening on the same TCP port that the SSH server is configured to listen on.

**Recommended Action:**

Find out which service is already listening on the port and reconfigure it, or reconfigure the SSH server to listen on a different TCP port.

## **%SSH-E-NOTACTIVE, Session <x> not active.**

**Explanation:**

A user attempted to kill an SSH session, but the specified session was not active.

**Recommended Action:**

Check the SSH session name used.

## **%SSH-E-SAVEHOSTKEY, An error occurred while saving the generated host key.**

**Explanation:**

The system encountered an error while attempting to save a file to the internal flash—the system can continue functioning normally; however, the SSH server may not be able to start with the desired protocol versions enabled.

**Recommended Action:**

Make sure there is more than 100KB of free space on the internal flash. If the problem persists, contact Enterasys Technical Support.

## **%SSH-E-STARTUPNOTREADY, The SSH server is not ready to be started. Waiting for a previous instance of the SSH server to shut down.**

**Explanation:**

A user attempted to start or re-start the SSH server, but the server could not start yet because a previous instance of the SSH server was still in the process of shutting down.

**Recommended Action:**

Wait until after the %SSH-A-SHUTDOWN message appears, then retry.

**%SSH-E-UNKNOWNCIPHER, Unknown <protocol-version> encryption algorithm “<cipher-name>”.****Explanation:**

An invalid or unsupported encryption algorithm (cipher) was named on the SSH command-line. Valid SSH-2 cipher names are: 3des-cbc, aes128-cbc, arcfour, blowfish-cbc, and cast128-cbc. Valid SSH-1 cipher names are: 3des and blowfish. The names should be listed on the command-line separated by commas, but with no spaces. For example:

```
xp> ssh 192.168.1.1 encryption-preference aes128-cbc,blowfish-cbc,3des-cbc
```

**Recommended Action:**

Verify the encryption algorithm and formatting of the cipher name used.

**%SSH-E-UNKNOWNMAC, Unknown message authentication code (MAC) algorithm “<mac-name>”.****Explanation:**

An invalid or unsupported Message Authentication Code (MAC) algorithm was named on the SSH command-line. Valid SSH-2 MAC names are: hmac-md5, hmac-md5-96, hmac-ripemd160, hmac-sha1, and hmac-sha1-96. The names should be listed on the command-line separated by commas, but with no spaces. For example:

```
xp> ssh 192.168.1.1 mac-preference hmac-sha1-96,hmac-sha1,hmac-md5
```

**Recommended Action:**

Verify the MAC algorithm and formatting of the MAC name used.

**%SSH-E-UNKNOWNPROTO, Unknown SSH protocol version “<version-name>”.****Explanation:**

An invalid or unsupported protocol version was named on the SSH command-line. Valid protocol-version names are: ssh1 and ssh2. The names should be listed on the command-line separated by commas, but with no spaces. For example:

```
xp> ssh 192.168.1.1 protocol-version-preference ssh1,ssh2
```

**Recommended Action:**

Verify the name of the SSH protocol version and format used.



# Chapter 73

## STATIC Error Messages

This chapter describes the error messages for the STATIC facility. This chapter includes the STATIC messages and the STATIC6 (for IPv6) messages.

### Warning Messages

#### **%STATIC6-W-GWAY6NOTREACH - Gateway is not reachable.**

**Explanation:**

When adding an IPv6 static route, the gateway specified was not reachable.

**Recommended Action:**

No action is required. This is for information purposes.

#### **%STATIC6-W-ILLGLV6HOSTMASK - Non-masked bits not zero (IPv6Addr/Mask).**

**Explanation:**

The prefix length configured does not match the destination address.

**Recommended Action**

Verify the destination address and mask configured. When the address and mask do not match, the mask is applied to the address.

## Error Messages

**%STATIC-E-DUPLICATEGWAYS** Route to destination %s has gateway <name> specified multiple times.

**Explanation:**

This message is displayed when the command to add a static route failed because duplicate gateways are specified with gate-list option.

**Recommended Action:**

Do not specify duplicate gateway addresses in gate-list option.

**%STATIC-E-GLISTALLOCFAIL** Calloc failed for Gateway List.

**Explanation:**

The command to add a static route failed due to a memory allocation error.

**Recommended Action:**

Try re-executing the command. If problem persists, contact Enterasys Technical Support.

**%STATIC-E-GLISTEXISTS** Gateway List exists with this static route.

**Explanation:**

This error message is displayed when the user attempts to specify a static route for a Gateway List, but the given static route already exists.

**Recommended Action:**

Specify a different static route and/or associated Gateway List.

**%STATIC6-E-GWAY6ALLOCFAIL** – Calloc failed for gateway.

**Explanation:**

The command to add a static route failed due to a memory allocation failure.

**Recommended Action:**

Try re-executing the command. If problems persist, call Enterasys Technical Support.



## **%STATIC6-E-GWAY6NULL - Nonexistent Gateway for static route.**

**Explanation:**

The software component that manages static resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

## **%STATIC-E-GWAYALLOCFAIL Calloc failed for Gateway.**

**Explanation:**

The command to add a static route failed due to a memory allocation error.

**Recommended Action:**

Try re-executing the command. If problem persists, contact Enterasys Technical Support.

## **%STATIC-E-GWAYEXISTS Gateway exists with this static route.**

**Explanation:**

This error message is displayed when the user attempts to specify a static route for a Gateway but the given static route already exists.

**Recommended Action:**

Specify a different static route and/or associated Gateway.

## **%STATIC-E-GWAYIFLISTEXISTS Gateway or Interface list option specified with this static route.**

**Explanation:**

This error message is displayed when the user attempts to specify a static route with interface or gateway option but the given static route already exists with either intf-list or gate-list option.

**Recommended Action:**

Specify a different static route or remove the existing route with intf-list or gate-list option and later add static route with interface or gateway option.

## **%STATIC-E-GWAYNULL Nonexistent Gateway for static route.**

**Explanation:**

The software component that manages static route resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

## **%STATIC-E-GWAYREACHEN0 Gateway <name> for the default route is only reachable through en0 interface.**

**Explanation:**

This message is displayed when the command to add a static route failed because the gateway is reachable only through the en0 interface.

**Recommended Action:**

Specify the proper gateway address. The gateway should be reachable through an interface other than en0.

## **%STATIC-E-IFLISTALLOCFAIL Calloc failed for Interface List.**

**Explanation:**

The command to add a static route failed due to a memory allocation error.

**Recommended Action:**

Try re-executing the command. If problem persists, contact Enterasys Technical Support.

## **%STATIC-E-IFLISTEXISTS Interface List exists with this static route.**

**Explanation:**

This error message is displayed when the user attempts to specify a static route for an Interface List, but the given static route already exists.

**Recommended Action:**

Specify a different static route and/or associated Interface List.

## **%STATIC-E-ILLDESTVAL, Route destination cannot be a multicast address.**

### **Explanation:**

This error occurs when a class D or E destination is specified in "**ip add route** [destination] ..."; a class D address is in the range 224.0.0.0–239.255.255.255; a class E destination is in the range 240.0.0.0–255.255.255.254.

### **Recommended Action:**

Remove the command with the offending address from the configuration.

## **%STATIC-E-ILLGWAYVAL Gateway address cannot be zero or multicast address.**

### **Explanation:**

This message is displayed when the command to add a static route failed because of invalid gateway address.

### **Recommended Action:**

Specify the proper gateway address. It should not be zero or a multicast address.

## **%STATIC6-E-INTF6ALLOCFAIL – Calloc failed for interface.**

### **Explanation:**

The command to add a static route failed due to a memory allocation failure.

### **Recommended Action:**

Try re-executing the command. If problems persist, call Enterasys Technical Support.

## **%STATIC6-E-INTF6NULL – Nonexistent Interface for static route.**

### **Explanation:**

The software that manages static resources has detected an internal error.

### **Recommended Action:**

If message displays repeatedly, call Enterasys Technical Support.

## **%STATIC-E-INTFALLOCFAIL Calloc failed for Interface.**

**Explanation:**

The command to add a static route failed due to a memory allocation error.

**Recommended Action:**

Try re-executing the command. If problem persists, contact Enterasys Technical Support.

## **%STATIC-E-INTFEXISTS Interface exists with this static route.**

**Explanation:**

This error message is displayed when the user attempts to specify a static route for an interface, but the given static route already exists.

**Recommended Action:**

Specify a different static route and/or associated interface.

## **%STATIC-E-INTFNULL Nonexistent Interface for static route.**

**Explanation:**

The software component that manages static route resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

## **%STATIC\_E\_MAXGATESXCEEDED Maximum number of gateways <number> exceeded.**

**Explanation:**

This message is displayed when the command to add a static route failed because the number of maximum gateways for gate-list option is exceeded.

**Recommended Action:**

Specify gateways only up to maximum gateways in gate-list option.

**%STATIC\_E\_MAXINTFSXCEEDED Maximum number of interfaces <number> exceeded.****Explanation:**

This message is displayed when the command to add a static route failed because the number of maximum interfaces for intf-list option is exceeded.

**Recommended Action:**

Specify interfaces only up to maximum interfaces in intf-list option.

**%STATIC6-E-ROUTE6EXISTS - Static route with same preference to network %s already exists.****Explanation:**

A route to this network has already been entered with the same preference.

**Recommended Action:**

Verify this route needs to be added, and if so, modify the preference.

**%STATIC6-E-ROUTE6LINKLOCAL - Link Local Gateway requires a zone-id or interface (<link local IPv6Addr>)****Explanation:**

A gateway that is a link local address has been given and the corresponding zone id is missing.

**Recommended Action:**

Any gateway that is a link local address requires a zone id in the format of lladdr%zoneid.

**%STATIC6-E-ROUTE6MISMATCH - Interface given does not match zone-id (<intfName>)****Explanation:**

When the interface keyword is given in the same command as a gateway%zoneid, the zone id and interface must match.

**Recommended Action:**

Verify that the interface given and the zone id are correct and match.

**%STATIC6-E-ROUTE6NOINT - Interface given does not exist  
(<intfName>)**

**Explanation:**

The interface given does not exist.

**Recommended Action:**

Verify the interface has been created prior to configuring a static route.

**%STATIC6-E-ROUTE6OVFL – No memory for creating static routes.**

**Explanation:**

An attempt failed to allocate memory for the static route.

**Recommended Action:**

Try executing the command again. If the problem persists, contact Enterasys Technical Support.

**%STATIC6-E-ROUTE6P2P - Non Point-to-Point interfaces require a  
gateway (<intfName>)**

**Explanation:**

Any interface that is not point-to-point requires a valid IPv6 gateway.

**Recommended Action:**

Configure IPv6 static routes using the gateway option for broadcast interfaces.

**%STATIC-E-ROUTEEXISTS Static route to network <name> already  
exists.**

**Explanation:**

A static route has been added multiple times.

**Recommended Action:**

Remove the duplicate static route entries.

**%STATIC-E-ROUTENOTFOUND Static route to destination <name> not found.**

**Explanation:**

The software component that manages static route resources has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

**%STATIC-E-ROUTEOVFL No more free routes max <number> current <number>.**

**Explanation:**

The maximum number of static routes that can be configured has been reached.

**Recommended Action:**

If possible, remove unused static routes.

**%STATIC-E-SNGLGWAYIFEXISTS Gateway or Interface option specified with this static route.**

**Explanation:**

This error message is displayed when the user attempts to specify a static route with intf-list or gate-list option but the given static route already exists with either interface or gateway option.

**Recommended Action:**

Specify a different static route or remove the existing route with interface or gateway option and later add static route with gate-list or intf-list option.





# Chapter 74

## STP Error Messages

This chapter describes the error messages for the STP facility.

### Informational Messages

**%STP-I-BPDU\_FILTER BPDU filter on port *<number>* has been *<“disabled” or “enabled”>***

**Explanation:**

This message is displayed to inform the user whether the BPDU filter on the given port has been enabled or disabled.

**Recommended Action:**

This message is displayed for the user's benefit. No action is required.

**%STP-I-PORT\_STATUS Port status change detected: *<number>* - *<text>***

**Explanation:**

The link state of the port has changed.

**Recommended Action:**

This message is displayed for the user's benefit. No action is required.

## **%STP-I-STP\_VERSION STP version changed to <version>**

**Explanation:**

This message is displayed when the STP version is changed.

**Recommended Action:**

No action is required.

## **Warning Messages**

### **%STP-W-BADMLPTYPE Attempt to create MLP on unknown module type = <type>**

**Explanation:**

This message is displayed when an MLP bundle is being created on an unknown WAN module.

**Recommended Action:**

Verify that the WAN module in question supports MLP. Contact Enterasys Technical Support.

### **%STP-W-NOWAN Spanning Tree is not supported on WAN modules.**

**Explanation:**

You cannot enable STP on a WAN port because it is not a supported operation. However, other ports entered will be added to the spanning tree.

**Recommended Action:**

None.

### **%STP-W-NOWAN\_FILTER BPDU filtering is not supported on WAN modules.**

**Explanation:**

This message is displayed because you cannot filter out BPDUs on WAN modules. However, other ports entered will have filtering enabled.

**Recommended Action:**

None.

**%STP-W-PORTSTATE port state value '<number>' not valid****Explanation:**

This message is displayed when the port state is not valid.

**Recommended Action:**

Verify port's operational state.

**%STP-W-RSTPNOWAN RSTP is not supported on WAN ports. Please disable RSTP first.****Explanation:**

This message is displayed when the user attempts to add a WAN port to a spanning tree running RSTP.

**Recommended Action:**

Disable RSTP and retry this command. Otherwise, only the non-WAN ports will be added to the spanning tree.

## Error Messages

**%STP-E-APS\_ENABLED It is invalid to Enable/Configure STP on <portnumber> as it is configured as a Protecting port. If you wish, you may enable/configure STP on the Working port <portnumber>****Explanation:**

This message is displayed when the user attempts to enable STP on a protecting port.

**Recommended Action:**

Negate the command and configure STP on the working port instead.

**%STP-E-BADMLPSLOT Attempt to create MLP on an invalid slot = <number>****Explanation:**

This message is displayed when the user attempts to create an MLP bundle on an invalid module.

**Recommended Action:**

Correct the module number and try again.

## **%STP-E-BADWANPROTO Spanning Tree not supported for the WAN protocol on port %s**

**Explanation:**

STP is not supported for the WAN protocol specified.

**Recommended Action:**

None.

## **%STP-E-CANTADDDFLT Cannot add DEFAULT vlan to spanning tree**

**Explanation:**

This message is displayed when the user tries to create a PVST instance on the default VLAN.

**Recommended Action:**

A PVST instance cannot be created on the default VLAN. The default VLAN has a default spanning tree associated with it.

## **%STP-E-CMDDEPRECATED This command is deprecated. <text>**

**Explanation:**

This message is displayed when a deprecated STP command is called.

**Recommended Action:**

None.

## **%STP-E-COSTSETCANTDELLG Port cost is set for the <text>, negate the stp port cost and then delete the <text>.**

**Explanation:**

This message is displayed when the port cost has been set on a SmartTRUNK and the user tries to delete the SmartTRUNK.

**Recommended Action:**

Negate the port set cost command before deleting the SmartTRUNK.

**%STP-E-COSTSETCANTDELMLP Port cost is set for the MLP bundle, negate the stp port cost and then delete the MLP bundle.**

**Explanation:**

This message is displayed when the user tries to remove an MLP bundle with STP port cost assigned.

**Recommended Action:**

Negate the “stp set port” command and try again.

**%STP-E-CREATEQ error creating '<name>' queue - error=<error\_code>**

**Explanation:**

This message is displayed when there was an error creating STP queue.

**Recommended Action:**

The error could be due to a lack of resources (-32) or an invalid event was specified (-8).

**%STP-E-DFLTNOTALWD User STP facility for accessing default spanning tree**

**Explanation:**

This message is displayed when PVST config facility is used to access the default spanning tree.

**Recommended Action:**

Use the STP config facility to access the default spanning tree.

**%STP-E-DFLTSTPCFLCT One or more access ports in the vlan <name> have default stp enabled the spanning tree first.**

**Explanation:**

This message is displayed when the user tries to create a PVST instance for a VLAN with STP already enabled.

**Recommended Action:**

Disable STP on all of the VLAN ports and try again.

## **%STP-E-EVENTWAIT error in wait for events**

**Explanation:**

This message is displayed when any of the resources required for the full operation of the STP protocol could not be created.

**Recommended Action:**

This error could be because the STP timer could not be created or the bridge group management address could not be registered or the BPDUs receive queue could not be created. This could be due to a lack of resources. Contact Enterasys Technical Support.

## **%STP-E-FAILREGMGMTADDR failed to register bridge group address**

**Explanation:**

This message is displayed when bridge group address is not registered.

**Recommended Action:**

This error is due to an invalid bridge management group address or VLAN or port number.

## **%STP-E-GET\_SEMA4 Cannot get link\_semaphore**

**Explanation:**

STP was unable to obtain a semaphore. This semaphore protects a shared data structure between STP and GATED that passes link-state/vlan information to the multicast portion of GATED.

**Recommended Action:**

Contact Enterasys Support.

## **%STP-E-INVSTATE Port <number> cannot be added to <st.number> because spanning tree is already enabled on that port. Disable spanning tree on the port before adding it to a smarttrunk**

**Explanation:**

You cannot add a port to a SmartTRUNK if it has certain attributes, such as spanning tree, already configured on it.

**Recommended Action:**

Disable spanning tree on the port and then add it to the SmartTRUNK. Spanning tree can then be enabled on the SmartTRUNK if desired.

**%STP-E-IPCFAIL IPC failure with module ‘%d’ - ‘%s’****Explanation:**

Control Module fails to communicate with the WAN module. This usually happens if the firmware loaded does not support WAN.

**Recommended Action:**

Contact Enterasys Technical Support.

**%STP-E-MCASTREG error registering multicast address - error = <error\_code>****Explanation:**

This message is displayed when the bridge group management address could not be registered.

**Recommended Action:**

The error could be due to the registration table being full (-51) or the address is not a multicast address (-55).

**%STP-E-MISMATCH Port <number> cannot be added to <st.number> because of spanning tree attribute mismatch****Explanation:**

The current spanning tree attributes of a port will not permit it to be added to a smarttrunk. The spanning tree attributes may include things such as spanning tree priority, port-cost or even port status. A common cause of this problem is all ports being put into the administrative down state when the XP boots without a startup configuration file. Another cause is that some spanning tree attributes (such as port cost) have been configured on the port.

**Recommended Action:**

If the port has been disabled, i.e., there is a **port disable** command in the configuration, negate that command. Also verify that there are no specific spanning tree attributes configured for the port. This includes port-cost or priority (i.e., "stp set port et.3.4 port-cost 99"). Negate these commands before adding the port to a smarttrunk.

**%STP-E-MPNOTFOUND MLP bundle <mp-number> not found****Explanation:**

This message is displayed when the specified MLP bundle cannot be found.

**Recommended Action:**

Create the MLP bundle specified before trying the command again.

## **%STP-E-NOFLOWFORCESTP Can't enable flow-bridging-mode and force-STP-state simultaneously on port <number>**

**Explanation:**

This error message is displayed when the user attempts to issue the **stp force** command for a port that is already assigned flow-bridging-mode.

**Recommended Action:**

Remove the port from the flow-bridging-mode and then issue the **stp force** command for the desired port.

## **%STP-E-NOMEM processing error - insufficient memory**

**Explanation:**

This message is displayed when memory could not be allocated.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%STP-E-NOPVST Unable to access STP port information**

**Explanation:**

This message is displayed when the STP task is not able to determine the STP information for the port.

**Recommended Action:**

Check that the port is correct. Contact Enterasys Technical Support.

## **%STP-E-NOSTP STP should be enabled on port <number> for force-STP-state to succeed**

**Explanation:**

This error message is displayed when the user attempts to issue the **stp force** command for a port that has not had STP enabled.

**Recommended Action:**

Enable STP on the desired port and then issue the **stp force** command for the port.



## **%STP-E-NOSUCHPVST The Spanning Tree for vlan <name> does not exist**

### **Explanation:**

This message is displayed when a PVST instance does not exist for the specified VLAN.

### **Recommended Action:**

Check the VLAN name for correctness, if a spanning tree instance has not been created for the desired VLAN, create one.

## **%STP-E-NOSUCHVLAN VLAN ‘<name>’ does not exist**

### **Explanation:**

This error message is displayed when the user attempts to specify an invalid VLAN name.

### **Recommended Action:**

Ensure that you are properly specifying a valid VLAN name and try again.

## **%STP-E-NOTMEMBOFPVST The Port is not a member of this spanning tree**

### **Explanation:**

This message is displayed when the user is trying to configure STP parameters for a port which does not belong to the PVST instance specified.

### **Recommended Action:**

Either the port or the PVST instance specified is incorrect. Adjust parameters as appropriate.

## **%STP-E-NOTMEMOFVLAN Port is not a member of vlan <name>**

### **Explanation:**

This message is displayed when the user tries to enable PVST on a port for a particular VLAN and the port is not part of the VLAN.

### **Recommended Action:**

Check that the command is correct and try again.

## **%STP-E-NOVC Unable to access VC information**

**Explanation:**

No VC information can be found in STP-enabled WAN ports, possibly due to internal errors.

**Recommended Action:**

Verify that the VC in question is set up correctly. Contact Enterasys Technical Support if problem persists.

## **%STP-E-NOWAN Spanning Tree is not supported on WAN modules**

**Explanation:**

You cannot enable STP on a WAN port because it is not a supported operation.

**Recommended Action:**

None.

## **%STP-E-NOWAN\_FILTER BPDU filtering is not supported on WAN modules.**

**Explanation:**

Command fails because BPDU filtering is not supported on WAN ports.

**Recommended Action:**

None.

## **%STP-E-PORTDISABLEDBYMGMT Unable to set vlan <VLAN\_name> to state <state\_name> because port is administratively disabled**

**Explanation:**

This error message is displayed when the user attempts to issue the **stp force** command on a given port that had been previously disabled by the network administrator using a “port disable” command.

**Recommended Action:**

Negate (delete) the “port disable” designation on the desired port and then issue the **stp force** command to set the port state.

### **%STP-E-PORTNO port no '<port\_number>' is invalid**

**Explanation:**

This message is displayed when the port number is invalid.

**Recommended Action:**

Verify that the port exists before trying again.

### **%STP-E-PRISSETCANTDELLG Priority is set for the <text>, negate stp set priority and then delete the <text>**

**Explanation:**

This message is displayed when the user has configured a priority for the SmartTRUNK and tries to delete the SmartTRUNK.

**Recommended Action:**

Negate the port set priority command before deleting the SmartTRUNK.

### **%STP-E-PRISSETCANTDELMLP Priority is set for the MLP bundle, negate stp set priority and then delete the MLP bundle.**

**Explanation:**

This message is displayed when the user tries to remove an MLP bundle with port priority assigned.

**Recommended Action:**

Negate the “stp set port” command and try again.

### **%STP-E-PROTIDINV Invalid Protocol ID**

**Explanation:**

This message is displayed when a BPDU with an invalid protocol identifier (i.e., a non-zero protocol identifier) is received.

**Recommended Action:**

Make sure other bridges are running STP and the packets received are not corrupted.

## **%STP-E-PVST\_RSTPENBLD Please disable RSTP on this spanning tree first**

**Explanation:**

This message is displayed when the user attempts to remove the spanning tree instance when it is running RSTP.

**Recommended Action:**

Disable RSTP before deleting the spanning tree instance.

## **%STP-E-PVSTENBLD Disable STP on all ports for this spanning tree first**

**Explanation:**

This message is displayed when the user tries to delete ports from a VLAN or when the user tries to negate the PVST create command on a VLAN, while PVST is enabled on some of the ports belonging to the VLAN.

**Recommended Action:**

Disable PVST on the ports before negating any of the above commands.

## **%STP-E-REL\_SEMA4 Cannot release link\_semaphore**

**Explanation:**

STP was unable to release a semaphore. This semaphore protects a shared data structure between STP and GATED that passes link-state/VLAN information to the multicast portion of GATED.

**Recommended Action:**

Contact Enterasys Support.

## **%STP-E-RSTPNOWAN RSTP is not supported on WAN ports. Please disable RSTP first.**

**Explanation:**

This message is displayed when the user attempts to add a WAN port to a spanning tree running RSTP.

**Recommended Action:**

Disable RSTP and retry this command.

**%STP-E-RSTPWANEXISTS Cannot enable RSTP when WAN exists.  
Please remove all WAN ports from the spanning tree first.**

**Explanation:**

This message is displayed when the user attempts to enable RSTP on a spanning tree with WAN ports.

**Recommended Action:**

Remove all WAN ports from the spanning tree before enabling RSTP.

**%STP-E-STATESETCANTDELLG <text> state has been administratively disabled, negate the disabled line and then delete the <text>.**

**Explanation:**

This message is displayed when the SmartTRUNK state has been administratively disabled and the user tries to delete the SmartTRUNK.

**Recommended Action:**

Negate the disabled command before deleting the SmartTRUNK.

**%STP-E-STATESETCANTDELMLP MLP bundle state has been administratively disabled, negate the disabled line and then delete the MLP bundle.**

**Explanation:**

This message is displayed when the user tries to remove an MLP bundle disabled by management.

**Recommended Action:**

Negate the corresponding “port disable” command and try again.

**%STP-E-STNOTFOUND <3> <text> <port\_number> not found**

**Explanation:**

This message is displayed when the STP task cannot find the SmartTRUNK specified.

**Recommended Action:**

Check the SmartTRUNK instance specified and try the command again.

**%STP-E-STPSETCANTDELLG** STP is enabled on *<text>*, negate the stp enable command and then delete the *<text>*.

**Explanation:**

This message is displayed when STP is enabled on a SmartTRUNK and the user tries to delete the SmartTRUNK.

**Recommended Action:**

Disable STP on the SmartTRUNK and then negate the SmartTRUNK.

**%STP-E-STPSETCANTDELMPL** STP is enabled on MLP bundle, negate the STP enable command and then delete the MLP bundle.

**Explanation:**

This message is displayed when the user tries to remove an MLP bundle with STP still configured on it.

**Recommended Action:**

Negate the “stp enable” command and try again.

**%STP-E-STRTTIMER** error starting '*<stp>*' timer - error=*<error\_code>*

**Explanation:**

This message is displayed when the STP timer could not be started.

**Recommended Action:**

The STP timer was not created and therefore could not be started.

**%STP-E-TIMER** error creating '*<stp>*' timer - error=*<error\_code>*

**Explanation:**

This message is displayed when an STP timer could not be created.

**Recommended Action:**

The error could be due to a lack of resources (-32) or an invalid parameter was passed to the timer creation routine (-13).

**%STP-E-UNABLETOSETSTATE Unable to set vlan <VLAN\_name> to state <state\_name>****Explanation:**

This error message is displayed when the user attempts to issue the **stp force** command on a port to which this sort of assignment has already been made. (The new **stp force** designation cannot overwrite the old one.)

**Recommended Action:**

Negate (delete) the original **stp force** command and then try to set the appropriate state for the given port again.

**%STP-E-VCPRI The parameter ‘<number>’ exceeds valid VC priority range between 0, and 15 inclusive****Explanation:**

This message is displayed when the VC priority specified is greater than 15.

**Recommended Action:**

Try again with a VC priority value of less than 16.

**%STP-E-VNAMINVALID Vlan Name <name> is Invalid****Explanation:**

This message is displayed when the VLAN name supplied in the command is invalid.

**Recommended Action:**

Check the VLAN name for correctness and try the command again.

**%STP-E-WANEEPTFAIL WAN EEPT program failure with module ‘<number>’ - error = <error-code>****Explanation:**

This is an internal error.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%STP-E-XMTQFULL unable to send frame xmit queue full**

**Explanation:**

This message is displayed when the STP BPDUs could not be sent. This could be because the transmit queue is full or there is indication that the STP frame is to be dropped.

**Recommended Action:**

None.



# Chapter 75

## SYS Error Messages

This chapter describes the error messages for the SYS facility.

### Informational Messages

#### **%SYS-I-ACTIVEBKPLANE switching fabric in slot <number> is currently active**

**Explanation:**

This message shows which switching fabric on an X-Pedition router is currently active.

**Recommended Action:**

Follow the error message output for an appropriate resolution to the problem.

#### **%SYS-I-ADDFAILED Image ‘<name>’ not added**

**Explanation:**

This message is displayed when the system is unable to add the specified X-Pedition system address.

**Recommended Action:**

Follow the error message output for an appropriate resolution to the problem.

### **%SYS-I-ARPADDED, ARP: entry added for <ipaddress>**

**Explanation:**

This message is displayed when an ARP entry is added from the “Config” mode.

**Recommended Action:**

Informational message. No action necessary.

### **%SYS-I-BKPLANEINSERTED <name> module inserted in slot <number>**

**Explanation:**

This message appears when a switching fabric is hotswapped into the X-Pedition 8600.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-BKPLANEOFFLINED <name> module in slot <number> off-lined by operator**

**Explanation:**

This message appears when a switching fabric is hotswapped out of the X-Pedition 8600.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-BKPLANEREMOVED <name> module removed from slot <number>**

**Explanation:**

This message appears when a switching fabric is hotswapped out of the X-Pedition 8600.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-BOOTADDED Image ‘<name>’ added**

**Explanation:**

This message appears when the specified X-Pedition system image has been successfully added to the external flash.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-CFGTOBACKUP Configuration file updated on backup control module**

**Explanation:**

The Configuration file has been updated on the Backup Control Module.

**Recommended Action:**

None.

## **%SYS-I-CFGUPDATED configuration file updated from active control module in slot <slot\_id>**

**Explanation:**

This message applied to the Backup Control Module. It indicates that the configuration file on the Backup Control Module was updated from the Primary Control module in the other slot.

**Recommended Action:**

None.

## **%SYS-I-CHS\_BACKUP\_OK <0> <0> image successfully chosen on Backup CM**

### **Explanation:**

This message is displayed when you have successfully chooses an image on the backup control module for the next reboot.

### **Commands:**

To choose an image on the backup control module only use:

**system image choose <imagename> backup-cm**

To choose same image on both the primary and backup control modules.

**system image choose <imagename>**

### **Recommended Action:**

None.

## **%SYS-I-CHS\_NONE\_BACKUP\_OK <0> <0> Backup CM-no image chosen for reboot**

### **Explanation:**

This message is displayed when you have successfully chosen no image on the backup control module for the next reboot.

### **Commands:**

To choose no image on the backup control module only use:

**system image choose none backup-cm**

To choose no image on both the primary and backup control modules.

**system image choose none**

### **Recommended Action:**

None.

**%SYS-I-CHS\_NONE\_PRIMARY\_OK <0> <0> Primary CM-no image chosen for reboot****Explanation:**

This message is displayed when you have successfully chosen no image on the primary control module for the next reboot.

**Commands:**

To choose no image on the primary control module only use:

**system image choose none backup-cm**

To choose no image on both the primary and backup control modules.

**system image choose none**

**Recommended Action:**

None.

**%SYS-I-CHS\_PRIMARY\_OK <0> <0> image successfully chosen on Primary CM****Explanation:**

This message is displayed when you have successfully chooses an image on the primary control module for the next reboot.

**Commands:**

To choose an image on the primary control module only use:

**system image choose <imagename> primary-cm**

To choose same image on both the primary and backup control modules.

**system image choose <imagename>**

**Recommended Action:**

None.

**%SYS-I-COPYTHENREBOOT, Copying <string> to “startup” and rebooting will have the same effect. Where <string> can be any of: <filename>,tftp-server,rcp-server, <tftp or rcp URL>, startup****Explanation:**

The user attempted to copy a file from a local or remote location to the active configuration. The X-Pedition router does not allow this action because stability issues may arise.

**Recommended Action:**

Copy the desired file to the startup configuration file and reboot. This will have the same effect as copying to the active configuration, but will not destabilize the platform.

**%SYS-I-CPL\_PORTDN, Port <port number> CM packet rate exceeded.  
Shutting port down.**

**Explanation:**

This message means the broadcast monitor for a given port has shut that port down because its packet rate limit was exceeded for the specified duration.

**Recommended Action:**

No action necessary.

**%SYS-I-CPL\_PORTNRD, Port <port number> CM packet redirect period  
expired.**

**Explanation:**

This message means the broadcast monitor for a given port has stopped redirecting that port's traffic because the redirect time period has expired.

**Recommended Action:**

No action necessary.

**%SYS-I-CPL\_PORTRD, Port <port number> CM packet rate exceeded.  
Redirecting port.**

**Explanation:**

This message means the broadcast monitor for a given port has redirected that port's traffic because its packet rate limit was exceeded for the specified duration.

**Recommended Action:**

No action necessary.

**%SYS-I-CPL\_PORTUP, Port <port number> CM packet shutdown period  
expired.**

**Explanation:**

This message means the shut down duration for a port that was brought down by its broadcast monitor has expired and it is being brought back up.

**Recommended Action:**

No action necessary.

**%SYS-I-DATE\_CHANGE** The system's *<time>* *<date>* has been changed to: *<HH:MM:SS>* *<YYYY-MM-DD HH:MM:SS>* via *<SNMP>* *<CLI>*

**Explanation:**

The error log informs users when the system's time or date has been explicitly changed through an SNMP request or from the CLI. This message may appear as any of the following:

%SYS-I-DATE\_CHANGE, The system's Time has been changed to: 01:04:34 via SNMP

%SYS-I-DATE\_CHANGE, The system's Date has been changed to: 2005-02-26 via SNMP

%SYS-I-DATE\_CHANGE, The system's date has been changed to: 2005-02-26 01:05:42 via the Command Line Interface

**Recommended Action:**

Informational message only, no action necessary.

**%SYS-I-DEL\_BACKUP\_OK** *<0>* *<1>* system image %s deleted from Backup CM

**Explanation:**

This message is displayed when you have successfully deleted an image on the backup control module,

**Commands:**

To delete image on backup control module, use:

**system image delete** *<imagename>* **backup-cm**

To delete same image from both the primary and backup control modules, use:

**system image delete** *<imagename>*

**Recommended Action:**

None.

**%SYS-I-DELETED\_DIRECTORY\_ONLY** *<0>* *<1>* directory %s was deleted.

**Explanation:**

This message is displayed when an image has not been correctly added to the flash card of either the primary or backup control modules. For example, this happens when the X-Pedition router is accidentally powered off during a “system image add” process. If this happens an imagename is resident on the flash card that contains no actual image data. This image will NOT appear under the “system image list” commands. But if you try to add the same image again, the add will fail and a message appears saying “That image is already present”.

**Recommended Action:**

Delete the empty imagename using the **system image delete** *<imagename>* command.

### **%SYS-I-DSCVMOD discovered ‘<name>’ module in slot <number>**

**Explanation:**

This message specifies the type of hardware module detected during the X-Pedition router’s startup sequence.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-FANSOKAY system fans are operational**

**Explanation:**

This is an informational message only.

**Recommended Action:**

None.

### **%SYS-I-FLASHCRD Mounting <number> MB Flash card**

**Explanation:**

This message indicates that the X-Pedition router is attempting to mount an external PCMCIA Flash Module.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-FLASHMNTD <number> MB Flash card mounted**

**Explanation:**

This message indicates that the X-Pedition router has successfully mounted a PCMCIA Flash Module.

**Recommended Action:**

Informational message. No action required.



**%SYS-I-HOTSWAP\_INQUEUED Request for hotswap-in slot  
<Slot Number> queued****Explanation:**

The router received a request to hot swap the module in the slot specified into the router. The request was placed in a queue and the action will be completed at the router's earliest opportunity.

**Recommended Action:**

Informational message only, no action necessary.

**%SYS-I-HOTSWAP\_OUTQUEUED Request for hotswap-out slot  
<Slot Number> queued****Explanation:**

The message informs users that the router has received a request to hotswap the specified module out. The request was placed in a queue and the action will be completed at the router's earliest opportunity.

**Recommended Action:**

Informational message only, no action necessary.

**%SYS-I-HOTSWAPIN module in slot <number> is hotswapped in****Explanation:**

This message appears when a module is hotswapped in to the X-Pedition router.

**Recommended Action:**

Informational message. No action required.

**%SYS-I-HOTSWAPOUT module in slot <number> is hotswapped out****Explanation:**

This message when a module is hotswapped out of the X-Pedition router. The module can be hotswapped out either by pushing the hotswap button on the module or by issuing the system hotswap out command.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-INITPORT initialized slot <number>, port <number>**

**Explanation:**

This message indicates that the specified port in the given slot number has been initialized.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-INITSLOTS Initializing system slots - please wait**

**Explanation:**

This message is displayed when the X-Pedition router is initializing the system slots.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-INITSYS initializing system <name>**

**Explanation:**

This message is displayed when the X-Pedition router is initializing.

**Recommended Action:**

Informational message. No action required.

### **%SYS-I-MODPROBE Detecting installed media modules - please wait**

**Explanation:**

This is an informational message only.

**Recommended Action:**

None.

### **%SYS-I-MULTICPU additional CPU Module(s) detected in slot: <number>**

**Explanation:**

This message appears when the X-Pedition router has detected an additional CPU module.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-NETSTART network interfaces are now enabled**

**Explanation:**

This message indicates that the network interfaces are up and the X-Pedition router is ready to send and receive traffic.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-NEWBAUD Console baud rate changing from <number> to <number>**

**Explanation:**

This message indicates that the X-Pedition console's baud rate has assumed a new value.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-NOBOOTIMAGES No boot images available**

**Explanation:**

This message informs the user that there is no X-Pedition boot image stored in the current PCMCIA Flash card.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-NOPWRSPLY power supply in slot <slot> not present or not turned on**

**Explanation:**

This is an informational message only.

**Recommended Action:**

None.

**%SYS-I-PORT\_AUTONEG Port <number> - Speed: <number> - Duplex: <number> - Auto-Negotiation: <number> - Input Encap: <number>**

**Explanation:**

This message displays the autonegotiating characteristics (if any exist) for the given port.

**Recommended Action:**

Informational message. No action required.

**%SYS-I-PWROKAY power supply in slot <slot> is operational**

**Explanation:**

This is an informational message only.

**Recommended Action:**

None.

**%SYS-I-PWRSPLY**

**Explanation:**

This message indicates which power supply is present or not present, whether it is ON or OFF, Over Temperature, or not and Over Current or not.

**Recommended Action:**

Depending on the content of the message, you may need to replace the power supply.

**%SYS-I-REBOOTINSTEAD, Use the “reboot” command instead.**

**Explanation: Meaning:**

The user attempted to copy the startup configuration file to the active configuration. The X-Pedition router does not allow this action because stability issues may arise.

**Recommended Action:**

Reboot the system. This will have the same effect as copying to the active configuration, but will not destabilize the platform.

**%SYS-I-REMOVED\_REQUEST** Your request to hotswap slot <*Slot Number*> has the opposite affect of a request that was in the hotswap queue. The first request has been removed from the queue.

**Explanation:**

This message appears when a user issues a hot swap request followed by an immediate request to perform the opposite action on the same slot. For example, entering **system hotswap out slot 3** followed immediately by **system hotswap in slot 3** will generate this message. Since the second command essentially cancels out the first, the router removes the first command from the queue. If the router has already initiated the hot swap process when it encounters the second command, the %SYS\_E\_HOTSWAP\_BUSY message will appear.

**Recommended Action:**

Informational message only, no action necessary.

**%SYS-I-SLAVECPU** Redundant CPU Module going into standby mode

**Explanation:**

This message only appears on the console of the slave CPU. It identifies the slave CPU as working in standby mode.

**Recommended Action:**

Informational message. No action required.

## **%SYS-I-SYSIMGTOBACKUP <0> <0> system image sent to backup control module.**

### **Explanation:**

This message is displayed when the system image sent to backup control module

- The following CLI commands can be used to perform the indicated system image copy:
  - To add the system image to the backup control module only:  
**system image add <tftp server ip address> <imagename> backup-cm**
  - To add a system image to both the primary control module and the backup control module:  
**system image add <tftp server ip address> <imagename> or**  
**system image add tftp://<tftp server ip address>/<imagename>**

### **Recommended Action:**

Before you send another command to the backup control module, please wait for the final message. After the image is successfully downloaded to the backup control module, the following final message is sent to the console of the primary control module, i.e., the CLI, by the backup control: “System image stored on backup control module- complete.”

## **%SYS-I-SYSTEMIMAGE {Primary|Backup} CM: command '{add|delete|list|choose}' Succeeded**

### **Explanation:**

The system image command finished successfully.

### **Recommended Action:**

Informational message only, no action necessary.

## **%SYS-I-TEMPOKAY system temperature is within operating parameters**

### **Explanation:**

This is an informational message only.

### **Recommended Action:**

None.

**%SYS-I-TOOMANYVLANARP, A maximum of %d arps can be configured with the vlan flag**

**Explanation:**

Too many static VLAN ARPs are configured for the router—the limit is 25 per router.

**Recommended Action:**

Reduce the number of static VLAN ARPs configured for the router to fewer than 25.

**%SYS-I-WAN\_SYNC\_SUCCESS Successfully synchronized with WAN card on channel <number>**

**Explanation:**

This message appears when the Control Module on the X-Pedition router communicates successfully with the specified WAN module during system initialization.

**Recommended Action:**

Informational message. No action required.

## Warning Messages

**%SYS-W-AUTOREQUIRED - Port %s - Auto-Negotiation is required on 1000baseTX Ports.**

**Explanation:**

You cannot disable auto-negotiation on 1000baseTX Ports.

**Recommended Action:**

Specify an appropriate port.

**%SYS-W-CLI\_ERROR\_SEND\_FAIL cli command was not sent to slot %d due to IPC failure: %s**

**Explanation:**

Communication between the Main CPU module and the WAN module failed.

**Recommended Action:**

Re-enter cli command. If problem persists, contact Enterasys Technical Support.

**%SYS-W-CLI\_NO\_WAN\_PROTO No protocol specified for port <port>, use 'port set' command to specify the WAN encapsulation**

**Explanation:**

No protocol specified for the port.

**Recommended Action:**

Use the port set command to specify the WAN port encapsulation protocol.

**%SYS-W CLI\_NON\_PPP\_PORT card <id> port <port\_number> is not a PPP port**

**Explanation:**

An unrecognized opcode was received.

**Recommendation:**

Retry the command. If problem persists, contact Enterasys Technical Support.

**%SYS-W-CLI\_NON\_WAN\_PORT Port <port> is not a wan port**

**Explanation:**

Not a WAN port.

**Recommended Action:**

Specify a WAN port.

**%SYS-W-CLI\_RECV\_FAIL error on receiving msg from wan card, err code <code>**

**Explanation:**

There was an error receiving a message from the wan card.

**Recommendation:**

Retry the command. If problem persists, contact Enterasys Technical Support.



**%SYS-W-CLI\_RECVQ\_FAIL create receive queue failed, can't receive msg from wan card**

**Explanation:**

Creation of the receive queue failed.

**Recommendation:**

Retry the command. If problem persists, contact Enterasys Technical Support.

**%SYS-W-CLI\_WAN\_WRONG\_PPP\_PORT\_NAME Wrong PPP port name**

**Explanation:**

The wrong PPP port was specified.

**Recommended Action:**

Specify the correct PPP port name.

**%SYS-W-CMDDEPRECATED <command\_name> has been deprecated. Use <command\_name> instead**

**Explanation:**

The command (or one of its components) that was just executed has been replaced by a new command. The command still works, but it may not work in a subsequent release. In the following example message, the user configured the router with a 'port bmon' command which included the 'shutdown' option. The 'expire' option should be used instead of 'shutdown.'

**The 'shutdown' option for the 'port bmon' command has been deprecated. Use the 'expire' option instead.**

**Recommended Action:**

Negate the command that was just executed, and re-execute it using the new command.

**%SYS-W-HEAP75FULL heap is at 75 percent of maximum usage**

**Explanation:**

System is running low on DRAM.

**Recommended Action:**

Upgrade the amount of DRAM DIMM memory to the next highest recommended amount.

## **%SYS-W-HEAP85FULL heap is at 85 percent of maximum usage**

**Explanation:**

System is running low on DRAM.

**Recommended Action:**

Upgrade the amount of DRAM DIMM memory to the next highest recommended amount.

## **%SYS-W-HEAP95FULL heap is at 95 percent of maximum usage**

**Explanation:**

System is running low on DRAM.

**Recommended Action:**

Upgrade the amount of DRAM DIMM memory to the next highest recommended amount.

## **%SYS-W-HEAPDEPLETED heap depleted, requested %u but returning %u, call stack was %s**

**Explanation:**

Cannot allocate enough memory for request.

**Recommended Action:**

Upgrade to next higher amount of system memory if problem persists.

## **%SYS-W-IPC\_FAILURE ipc failure, slot <slot\_id> port <port>**

**Explanation:**

An IPC failure indicates that the card in the specified slot had a hardware fault.

**Recommendation:**

Verify that the card is seated properly in the chassis. If problem persists the card needs to be replaced.

**%SYS-W-L3CANTADDFLOW All the flows in the hash bin %d are No Age or Control going to the CPU.****Explanation:**

Flows are installed into the L3 table via a hashing function. Hashing the flow will point to a slot with bins. If all the bins in a slot are full, the oldest one is bumped out to make room. If all the bins are full of entries that are intended to be permanent for any reason, you will see this error.

**Recommended Action:**

There are several options:

- Remove unwanted static entries that hash to the specified bin.

- Clear the L3 table.

- Change the hashing function so that the slot will not keep getting hit.

**%SYS-W-L4BDG L4 bridging configuration error: receive <string> packet****Explanation:**

The Control Module received a non-IP/IPX packet. The packet has been dropped.

**Recommended Action:**

If this message appears repeatedly, contact Enterasys Technical Support.

**%SYS-W-LOWSTACKSIZE, <task-name> task may have too low of a stack size (free space low-point reached <number> bytes)****Explanation:**

This is a diagnostic warning message that may be displayed if the **system set malloc debug** configuration command is present in the active configuration.

**Recommended Action:**

Contact Enterasys technical support for information on the appropriate action to take.

## **%SYS-W-NIAFREETMOUT network interface not responding to packet free requests**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

## **%SYS-W-NIAXMTMOUT network interface not responding to packet transmit requests**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

## **%SYS-W-NOBKPLANES One or more module are required to operate system**

**Explanation:**

There are no module installed.

**Recommended Action:**

Install modules.

## **%SYS-W-NO\_COMP module <module> in slot <slot> does not support compression**

**Explanation:**

The specified module does not support compression.

**Recommendation:**

Retry the command. If problem persists, contact Enterasys Technical Support.

**%SYS-W-NO\_ENCR module *<id>* in slot *<slot\_id>* does not support encryption**

**Explanation:**

The specified module does not support encryption.

**Recommendation:**

Contact Enterasys Technical Support.

**%SYS-W-NOCONFIG no configuration file**

**Explanation:**

This message appears when the X-Pedition router cannot detect any startup configuration file.

**Recommended Action:**

Ensure that a startup configuration file exists and that the router is able to access that file.

**%SYS-W-NOENHCAP *<facility>* capability not available for *<system\_name>***

**Explanation:**

The requested facility is not available.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-W-NOPASSWD no password for *<system\_name>*, use 'system set password' to add one**

**Explanation:**

This is simply a warning informing the user that the system has no security.

**Recommended Action:**

Enter Configure mode and set a system password using the 'system set password' command.

## **%SYS-W-NOSPEEDDUPLEX cannot set speed/duplex on 1 Gig Port.**

**Explanation:**

Speed and duplex settings are not individually configurable on gigabit ethernet ports.

**Recommended Action:**

If you want to turn off auto-negotiation on gigabit ethernet ports and set port to full duplex and 1000 Mbits speed, turn off auto-negotiation on the port. This is also useful when connected to a buffered repeater.

## **%SYS-W-NOSPEEDFIBER cannot set speed to 10Mbits on 100Mbit Fiber Port**

**Explanation:**

This message appears when the user attempts to assign a 10 Mbits speed to a 100Mbits fiber port.

**Recommended Action:**

This message is merely a warning that such an action cannot be performed. No action, aside from ensuring that a speed of 100Mbits has been assigned to the given fiber port, is required.

## **%SYS-W-ONLYLANPORTALLOWED Only Lan port names are allowed.**

**Explanation:**

Only LAN port names are allowed.

**Recommended Action:**

Specify a LAN port name.

## **%SYS-W-ONLYPHYPORTALLOWED Only physical port names are allowed**

**Explanation:**

Only physical port names are allowed.

**Recommended Action:**

Specify a physical port.

**%SYS-W-PWRFAIL power supply in slot <slot\_number> has failed.**

**Explanation:**

This message is displayed when the power supply fails.

**Recommended Action:**

Replace the power supply.

**%SYS-W-PWRSPLY, WARNING: Check the Power Supply in slot %x**

**Explanation:**

A problem occurred with a power supply that **REQUIRES IMMEDIATE ATTENTION**.

Following this warning, the %SYS-I-PWRSPLY message will appear on the console and provide specific information as to the nature of the problem.

**Note:** This message applies to the ER16 only.

**Recommended Action:**

Address the power supply issue indicated by the %SYS-I-PWRSPLY message **IMMEDIATELY**. Depending on the nature of the error, you may need to replace the power supply.

**%SYS-W-RMON\_RX RMON queue empty: enabling updates**

**Explanation:**

The RMON receive queue is enabled.

**Recommended Action:**

None.

**%SYS-W-RMON\_TX RMON queue failed: disabling updates**

**Explanation:**

The RMON transmit queue has failed.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-W-RTCIVTIME real-time clock had bad time - clock has been reset**

**Explanation:**

The real-time clock has become corrupted or otherwise invalid. The time will be reset back to 0.

**Recommended Action:**

This message is for the user's benefit. No action is required.

## **%SYS-W-SPOOLOVERFLOW, Output data has been lost. Reduce output to avoid losing additional data.**

**Explanation:**

The active terminal session (console or telnet) is receiving too much data to display.

**Recommended Action:**

If possible, reduce the amount of output generated. Alternatively, you may use the **system set spooler-memory-limit** command to increase the amount of output data the X-Pedition router can buffer. Use caution when increasing the spooler memory limit—increasing the limit to a very high value can adversely affect other areas of the system that may be low on available memory.

## **%SYS-W-WAN\_TOD\_RECEIVE\_FAIL error on receiving msg from wan card, error code <code>**

**Explanation:**

There was an error receiving an error message.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

## **%SYS-W-WAN\_TOD\_RECVQ\_FAIL create queue failed, cannot receive msg from wan card**

**Explanation:**

The create queue has failed and message can not be received from the WAN card.

**Recommended Action:**

Contact Enterasys Technical Support.



## **%SYS-W-WAN\_TOD\_SEND\_FAIL WAN TOD msg not sent due to IPC failure**

**Explanation:**

A WAN TOD message was not sent due to an IPC failure.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-W-WAN\_TOD\_TMR\_FAIL create timer failed, cannot periodically update time on WAN card**

**Explanation:**

The create timer failed.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-W-WAN\_TOD\_WAIT\_FAIL WAN TOD event with unsuccessful status**

**Explanation:**

A WAN TOD event was unsuccessful.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-W-WANPORTOUTOFRANGE The specified port <port> is out of range**

**Explanation:**

Port is out of range.

**Recommended Action:**

Specify a port that is within range.

### **%SYS-W-XG\_SET\_DUPLEX\_MODE** *<Description>* *<Port>*

**Explanation:**

The 10-Gigabit module runs in Full Duplex mode only. This message appears if the **all-ports** option is specified when changing the duplex mode.

**Recommended Action:**

No action necessary. The command was not applied to the port.

### **%SYS-W-XG\_SET\_SPEED\_DUPLEX** *<Description>* *<Port>*

**Explanation:**

The 10-Gigabit module runs in Full Duplex mode only. This message appears if the **all-ports** option is specified when changing the duplex mode or speed.

**Recommended Action:**

No action necessary. The command was not applied to the port.

### **%SYS-W-XG\_AUTONEGOTIATE** *<Description>* *<Port>*

**Explanation:**

The 10-Gigabit module does not allow you to disable auto-negotiation. This message appears if the **all-ports** option is specified when changing the auto-negotiation parameters.

**Recommended Action:**

No action necessary. The command was not applied to the port.

### **%SYS-W-XG\_FPGA\_AUTO\_PROGRAM** Module *<Module num>* **automatic Ten Gig FPGA update from** *<File1>* **to** *<File2>*

**Explanation:**

This message is appears when a user attempts to program the FPGA via the firmware.

**Recommended Action:**

None.

## Error Messages

### **%SYS-E-ACCESS Relay\_agent: sendto: permission=>denied - A UDP port could not be opened for transmission.**

**Explanation:**

A port received a DHCP message but could not open it for transmission. If the packet is a directed broadcast packet and the interface is not set to allow IP broadcast data, an outbound ACL denying this packet is applied to the outbound interface.

**Recommended Action:**

Make sure that the interface is broadcast capable. If problem persists, contact Enterasys Technical Support.

### **%SYS-E-ACCESSDENIED File <file-name> : Access denied.**

**Explanation:**

This message will appear if an attempt is made to access a protected file on the VFS file system.

**Recommended Action:**

Do not use this system file with the command line “file” commands.

### **%SYS-E-ADD\_IMAGE\_BACKUP\_FAIL Failure to add image to Backup CM.**

**Explanation:**

This message is displayed when the image has not been added to the backup control module.

**Recommended Action:**

Try to added the image to the backup control module again.

### **%SYS-E-ATMCELLMAPPINGNOTSUPPORTED Port set failed, cell mapping value not valid for this PHY type.**

**Explanation:**

You can not set cell mapping on this type of port.

**Recommended Action:**

Specify an appropriate port.

**%SYS-E-ATMFRAMINGNOTSUPPORTED** Port set failed on port *<port>* framing value not valid for this PHY type.

**Explanation:**

You can not set framing on this type of port.

**Recommended Action:**

Specify an appropriate port.

**%SYS-E-ATMMEDIANOTSUPPROTED** Port set failed on port *<port>* media type can only be set on MMF, SMF, UTP PHYs.

**Explanation:**

You can not set media on this type of port.

**Recommended Action:**

Specify an appropriate port.

**%SYS-E-ATMPORTINFAILURE** Port *<port>* experienced previous failure.

**Explanation:**

This port has failed port diagnostics. Either its PHY has been removed, or there is a hardware failure.

**Recommended Action:**

If this occurs and the PHY is present, contact Enterasys Technical Support.

**%SYS-E-ATMSCRAMBLENOTSUPPORTED** Port set failed, scramble value not valid for this PHY type.

**Explanation:**

You can not set scramble value on this type of port.

**Recommended Action:**

Specify an appropriate port.

**%SYS-E-AUTOREQUIRED - Port %s - Auto-Negotiation is required on 1000baseTX Ports****Explanation:**

You cannot disable auto-negotiation on 1000baseTX Ports.

**Recommended Action:**

Specify an appropriate port.

**%SYS-E-BACK\_FREQ\_TRY\_AGAIN, tried <number> times to calculate the backplane frequency but failed. Rebooting once to see if that helps.****Explanation:**

If the system firmware fails to calculate the backplane frequency successfully, the control module will reboot and attempt to calculate it a second time. If the second attempt fails, the %SYS-F-BACK\_FREQ\_FAILED message will appear.

**Recommended Action:**

If the second attempt succeeds, you may ignore this message.

**%SYS-E-BACKUP\_NO\_SUCH\_IMAGE <0> <1> Backup CM-no image named %s****Explanation:**

You tried to delete a non-existent image with the system image delete command.

**Commands:**

To delete an image from the backup control module, use:

**system image delete <imagename> backup-cm**

To delete an image from both the primary and backup control modules, use:

**system image delete <imagename>**

**Recommended Action:**

You should run the system image list command to see the available images and then choose a name from those displayed. It is important to note the difference between the name of the image (displayed in the left column of system image list) and the version number of the image (displayed in parentheses in the right column). The image \*name\* should be used with the system image delete command.

**%SYS-E-BAD\_IPP\_MEM Bad IPP Memory at 0x<hex\_value> on channel <number>****Explanation:**

The IPP (Input Packet Processor) Memory has failed on the specified channel. The channel number specified in the error message corresponds with the failing line module. If you are running an X-Pedition 8000/8600, the channel number indicates the number of the slot that contains the line module causing the problem. If you are running an ER16, refer to the following table to determine the slot number that corresponds to the specified channel.

Slot #	Low Chan #	High Chan #
Slot 1	Channel 6	Channel 22
Slot 2	Channel 8	Channel 24
Slot 3	Channel 4	Channel 20
Slot 4	Channel 10	Channel 26
Slot 5	Channel 12	Channel 28
Slot 6	Channel 14	Channel 30
Slot 7	Channel 2	Channel 18
Slot 8	Channel 0	Channel 16
Slot 9	Channel 1	Channel 17
Slot 10	Channel 9	Channel 25
Slot 11	Channel 5	Channel 21
Slot 12	Channel 11	Channel 27
Slot 13	Channel 7	Channel 23
Slot 14	Channel 15	Channel 31
Slot 15	Channel 3	Channel 19
Slot 16	Channel 13	Channel 29

**Recommended Action:**

Replace line card module.

## **%SYS-E-BAD\_OPP\_MEM Bad OPP Memory at 0x<hex\_value> on channel <number>**

### **Explanation:**

The OPP Memory has failed on the specified channel. The channel number specified in the error message corresponds with the failing line module. If you are running an X-Pedition 8000/8600, the channel number indicates the number of the slot that contains the line module causing the problem. If you are running an ER16, refer to the following table to determine the slot number that corresponds to the specified channel.

Slot #	Low Chan #	High Chan #
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Slot 6	Channel 14	Channel 30
Slot 7	Channel 2	Channel 18
Slot 8	Channel 0	Channel 16
Slot 9	Channel 1	Channel 17
Slot 10	Channel 9	Channel 25
Slot 11	Channel 5	Channel 21
Slot 12	Channel 11	Channel 27
Slot 13	Channel 7	Channel 23
Slot 14	Channel 15	Channel 31
Slot 15	Channel 3	Channel 19
Slot 16	Channel 13	Channel 29

### **Recommended Action:**

Replace line card module.

**%SYS-E-BAD\_PORT\_MEM Bad Memory at 0x<hex\_value> on port <port\_number>**

**Explanation:**

Specified port has failed diagnostics.

**Recommended Action:**

Replace line card module.

**%SYS-E-BADADDR Bad IP address: <IP\_address> ignored**

**Explanation:**

This error message appears when the user attempts to specify an invalid IP address.

**Recommended Action:**

Ensure that the specified IP address is correct and that it is being referenced with the proper syntax.

**%SYS-E-BADCHKSUM Bad CRC in CPU received packet (srcCEPs=0x<hex\_value>)**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

**%SYS-E-BADDEVICE Bad device name: ‘<name>’**

**Explanation:**

This error message appears when the user attempts to access the X-Pedition file system with an illegal device name.

**Recommended Action:**

Use one of the valid device names (“bootflash”, “slot0”, or “slot1”) to access the file system.



**%SYS-E-BADURL bad URL specified: <URL>****Explanation:**

This error message appears when the user specifies an invalid or otherwise illegal URL.

**Recommended Action:**

Ensure that the URL being referenced is correct and has been specified using the appropriate syntax.

**%SYS-E-BAUDFAIL <name>: Failed to change baud rate****Explanation:**

The **system set terminal baud** command was run to change the baud rate of the serial management console port, but the system was unable to set the baud rate to the value requested.

**Recommended Action:**

This message probably indicates a programming error because the CLI parser checks the baud rate for validity before trying to change the serial port. In general, it indicates that the serial hardware cannot run at the requested baud rate.

**%SYS-E-BITMAP\_MISMATCH <chip\_type>:Mismatch between bitmap and entry****Explanation:**

This error message is most likely caused by a hardware failure.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-BUFFMAXEXCEEDED Percentage of buffers cannot exceed 95, attempted <total\_number> (low: <number> med: <number> high: <number>), resetting to previous values****Explanation:**

While attempting to adjust the percentage of NIA buffers allocated to the respective NIA receive queues, the value of 95% was exceeded. The system has rolled back the existing values.

**Recommended Action:**

Negate the failed **system set nia-q-percentages** configuration line which is preceded by an “E” and re-enter the command using parameter values that sum to 95 or less.

## **%SYS-E-BUSY tn\_serv: open.0: mount device busy**

### **Explanation:**

Multiple simultaneous Telnet connections were received and a problem handling the connections occurred.

### **Recommended Action:**

If you are running firmware version older than E8.2.0.0, upgrade to E8.2.0.0 or the latest version. If problem persists, contact Enterasys Technical Support.

## **%SYS-E-CHS\_BACKUP\_FAIL> <0> <0> failure to choose image on Backup CM**

### **Explanation:**

The system is unable to choose the image on the backup control module.

### **Commands**

To choose an image on the backup control module, use:

**system image choose <imagename> backup-cm**

To choose an image for both the primary and backup control modules, use:

**system image choose <imagename>**

### **Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-E-CHS\_PRIMARY\_FAIL> <0> <0> failure to choose image on PRIMARY CM**

### **Explanation:**

The system is unable to choose the image on the primary control module for the next reboot.

### **Commands**

To choose an image on the primary control module, use:

**system image choose <imagename> primary-cm**

To choose an image for both the primary and backup control modules, use:

**system image choose <imagename>**

### **Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-CLI\_FR\_SERVICE\_REUSED** service profile (%s) is being used for frame relay circuits

**Explanation:**

A PPP service profile cannot be created because the name is already used by a frame relay service.

**Recommended Action:**

Select another name for the PPP service.

**%SYS-E-CM\_TYPE\_MISMATCH** When dual control modules are installed they must be of the same type. The Backup CM is being hotswapped out.

**Explanation:**

Control modules types must match.

**Recommended Action:**

Install matching control modules.

**%SYS-E-COLUMN\_SIZE\_BELOW\_MINIMUM** Column size below available minimum column size of %d. Minimum column size is determined by the length of the prompt + 3 or 20 characters, whichever is greater.

**Explanation:**

The column size entered is less than the calculated minimum terminal column size. The minimum column size is determined by size of either the prompt + 3 or 20 characters, whichever is greater, for the prompt terminator. The prompt consists of the system name and the mode in which the user is operating.

**Recommended Action:**

Set a higher column size or reduce the size of the prompt by shortening the size of the system name with the **system set name** command.

**%SYS-E-CONNREFUSED telnet: Unable to connect to remote host: : connection refused****Explanation:**

This message appears when a user on an X-Pedition router issues the “telnet” command to establish a telnet connection with a remote system but the remote system refuses the connection.

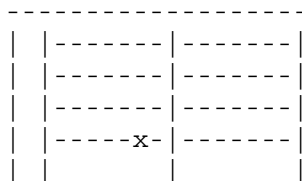
**Recommended Action:**

Check the remote system to determine why it isn’t accepting telnet connections.

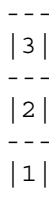
**%SYS-E-CPU\_CHASSIS\_PROBLEM\_1**

This error generates the following:

%SYS-E-CPU\_CHASSIS\_PROBLEM\_1 Two versions of the <chassis\_name> backplane have been released. Version 0 backplanes can be jumpered for 50.0 or 62.5 MHz. Version 1 backplanes can be jumpered for 62.5 MHz or 66.0 MHz. The 'system show hardware' command displays the backplane version at the end of the 'System type:' line and the backplane speed on the 'Backplane frequency:' line. This version 0 backplane is jumpered for 62.5 MHz. When 2 control modules are installed the backplane must be jumpered for 50.0 MHz. The jumper controlling the backplane speed is located where the 'x' is in this figure:



The three-pin jumper block is aligned vertically. This figure show the pin's orientation and numbers.



The jumper is on pins 2 and 3. It must be moved to pins 1 and 2. The Backup CM is being hotswapped out. Also see [%SYS-F-CPU\\_CHASSIS\\_PROBLEM\\_2 on page 679](#) and [%SYS-F-CPU\\_CHASSIS\\_PROBLEM\\_3 on page 680](#).

**Explanation:**

The system has an invalid hardware configuration.

**Recommended Action:**

Change the jumper from pins 3 and 2 to pins 2 and 1.

**%SYS-E-DELETE\_IMAGE\_BACKUP\_FAIL <0> <1> image (%s) delete from Backup CM failed****Explanation:**

This message is displayed when an attempt to delete an image from the backup control module fails.

**Commands**

To list images on the primary control module, use:

**system image delete <imagename> backup-cm**

To list images on both the primary and backup control modules, use:

**system image delete <imagename>**

**Recommended Action:**

Retry making sure you are specifying the correct imagename.

**%SYS-E-DELETING\_CHOSEN\_IMAGE <0> <1> you cannot delete the image %s.****Explanation:**

This message appears when you attempt to delete an image from the PCMCIA Flash Module that has been chosen as the image for the X-Pedition router to load on the next reboot. You are prevented from performing this operation.

**Recommended Action:**

First use either the **system image choose <imagename>** command to choose a new image or the **system image choose none** command to have no image chosen. Once you have done this, you may then delete the image.

**%%SYS-E-ACADD error adding facility '<name>'****Explanation:**

System resources are limited and the SYS system facility failed to initialize.

**Recommended Action:**

Increase system memory and if problem persists, contact Enterasys Technical Support.

## **%SYS-E-FLASH\_WRITEPROTECTED external FLASH card is write-protected, please remove protection and reboot**

**Explanation:**

This message is displayed when the external Flash card is detected with the write-protection on.

**Recommended Action:**

Remove the write-protection, reinstall the Flash card and reboot the system.

## **%SYS-E-FLASHMNTFAIL <number> MB Flash card could not be mounted**

**Explanation:**

This message appears at boot time when the flash card cannot be mounted.

**Recommended Action:**

This message may indicate that this type of card is not supported, the write-protect switch is turned on, or the file system contained in the flash card is corrupt. Reboot the router using the same flash card. If problem persists, obtain a new flash card or contact Enterasys Technical Support.

## **%SYS-E-HOSTUNREACH relay\_agent: sendto: no route to host**

**Explanation:**

This error appears when an ICMP packet(s) cannot reach its destination on a local network.

**Recommended Action:**

Make sure that the IP address listed in the error message is valid.

## **%SYS-E-HOTSWAP\_BUSY Hotswap is currently processing a request to hotswap slot <Slot Number>. Please try your new request when the first request is complete.**

**Explanation:**

A user made a request to hot swap a module in a specified slot, but the router is already processing a hot swap request for that slot. For example, if a user enters **system hotswap out slot 3** followed immediately by **system hotswap out slot 3**, the router will generate this message.

**Recommended Action:**

Wait until the router has completely hotswapped the module in the specified slot, then try your request again.

**%SYS-E-HOTSWAP\_EMPTY slot <slot\_id> is empty**

**Explanation:**

This message is displayed when you are trying to hotswap out of an empty slot.

**Recommended Action:**

Hotswapping out of an empty slot is not possible.

**%SYS-E-HOTSWAP\_OCC slot <slot\_id> is already occupied**

**Explanation:**

This message is displayed when you are trying to hotswap into a slot that is already occupied.

**Recommended Action:**

Hotswapping into an occupied slot is not possible.

**%SYS-E-HOTSWAP\_MODULE\_OUT Cannot process your request to hotswap out slot <Slot Number>. The module is already hotswapped out.**

**Explanation:**

The user attempted to hot swap a module that resides in the chassis, but is currently offline.

**Recommended Action:**

None. When this message appears, it is safe to remove the module from the chassis.

**%SYS-E-HOTSWAP\_UNKNOWN\_ERROR An unknown error occurred while trying to queue hotswap request for slot <Slot Number>. Error Code = <Error Number>**

**Explanation:**

An unknown error prevented the router from completing a hot swap request for the specified slot.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-E-HOTSWAPI\_MASTER can not hotswap in the Active CPU**

**Explanation:**

This message is displayed when you are trying to hotswap in the active Control Module.

**Recommended Action:**

This action is not allowed.

## **%SYS-E-HOTSWAPIN module in slot <slot\_id> is unrecognized or unsupported**

**Explanation:**

The module in the specified slot is not recognized or is unsupported.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-E-HOTSWAPO\_MASTER can not hotswap out the Active CPU**

**Explanation:**

This message is displayed when you are trying to hotswap out the active CM module.

**Recommended Action:**

This action is not allowed.

## **%SYS-E-HOTSWAPO\_SLAVE\_MODULE Slot <Slot Number> contains a slave module which cannot be hotswapped out. Please hotswap the master module instead.**

**Explanation:**

The 10-Gigabit module uses more than one system slot. The first circuit board is considered the MASTER module and all others are considered SLAVE modules. The user has attempted to hot swap a slave module.

**Recommended Action:**

Identify and hot swap the lowest slot number occupied by the 10-Gigabit module.



## **%SYS-E-HSSI\_NOCLOCK Invalid HSSI card revision (rev. 1.x) for clock option**

**Explanation:**

This message appears when the HSSI card revision does not support the clock option listed.

**Recommended Action:**

Choose another clock option.

## **%SYS-E-ILLEGALCOPY Copying from <source> to <destination> is not allowed**

**Explanation:**

A user attempted to perform an illegal copy operation from the specified source to the given destination.

**Recommended Action:**

Ensure that the copy source and destination are compatible.

## **%SYS-E-IMAGE\_CANTSET nvram error setting <image\_name>**

**Explanation:**

This message appears when the system image choose command was unable to record the user's choice of which image should be used at next boot.

**Recommended Action:**

This message indicates file system corruption or a hardware failure. Contact Enterasys Technical Support.

## **%SYS-E-IMAGES\_LIST\_MULTIPLE <0> <0> image list: another user is listing the images. Please wait and try again.**

**Explanation:**

This message appears when more than one user is trying to list the images from a PCMCIA Flash Module. Only one user at a time can perform this operation.

**Recommended Action:**

Wait and try again.

**%SYS-E-INVALIDRENAME, Invalid filename '<file-name>'; device or directory name not required for filename. Renamed file will be created in same directory as original file.**

**Explanation:**

The file name specified to be the renamed file name cannot contain a device or directory name such as “bootflash:” or “/int-flash/cfg”. The renamed file will be created in the same directory where the original file exists.

**Recommended Action:**

Re-execute the command WITHOUT specifying a device or directory name in the second file name parameter, which is the file name to be renamed too.

**%SYS-E-INVLDMOD Invalid Module in slot <slot\_id>.**

**Explanation:**

This message is displayed when the firmware detected unrecognized hardware.

**Recommended Action:**

Make sure that the firmware version is compatible with the hardware.

**%SYS-E-IO %s: %s: I/O error**

**Explanation:**

This message is displayed when the system is unable to close a file descriptor.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-IPV6HARDWAREERROR - Error writing to the <string> module in slot <number>.**

**Explanation:**

Internal software failed an attempt to initialize a channel in the module indicated.

**Recommended Action:**

Attempt to restart the module. If problems persist, contact Enterasys Technical Support.

**%SYS-E-IPV6HARDWAREINCOMPATABLE - The *<string>* module in slot *<number>* will not be activated because the backplane frequency is not 62.5 Hz.**

**Explanation:**

The model of X-Pedition router does not support the line card in the slot indicated.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-IPV6HARDWAREINIT – The *<string>* module in slot *<number>* failed module initialization.**

**Explanation:**

While initializing the IPv6 module, the hardware reset timed out, or one of the initializing components failed. The module will remain off-line.

**Recommended Action:**

Attempt to restart the IPv6 module. If problems persist, contact Enterasys Technical Support.

**%SYS-E-IPV6INIT – IPv6 Initialization failed.**

**Explanation:**

While initializing the forwarding engine for the IPv6 module, an internal system error occurred.

**Recommended Action:**

Attempt to restart the IPv6 module. If problems persist, contact Enterasys Technical Support.

**%SYS-E-IVCPUMODULE CPU module type *<name>* unrecognized**

**Explanation:**

The X-Pedition router detected an unrecognized CPU module in the system.

**Recommended Action:**

Contact Enterasys Technical Support with a description of the circumstances, your system configuration, and the text of this error message.

**%SYS-E-LIST\_IMAGES\_BACKUP\_FAIL <0> <0> failure to list images on Backup CM.**

**Explanation:**

This message is displayed when a list command of the images on the backup control module fails.

**Commands**

To list images on the backup control module, use:

**system image list backup-cm**

To list images on both the primary and backup control modules, use:

**system image list all**

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-LIST\_IMAGES\_PRIMARY\_FAIL <0> <0> failure to list images on Primary CM.**

**Explanation:**

This message is displayed when a list command of the images on the primary control module fails.

**Commands**

To list images on the primary control module, use:

**system image list primary-cm**

To list images on both the primary and backup control modules, use:

**system image list all**

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-MACASSIGNED Requested MAC <MAC\_address> already assigned**

**Explanation:**

This error message appears when the user attempts to specify a MAC address that is already in use.

**Recommended Action:**

Specify a different, unused MAC address.

## **%SYS-E-MACNOTOWNED Attempting to free unassigned MAC <MAC\_address>**

**Explanation:**

The user attempted to specify a MAC address that does not “belong” to the X-Pedition router.

**Recommended Action:**

Ensure that the specified MAC address is correct and the router has “ownership” of that address.

## **%SYS-E-MCVLANENCAPONQTRUNK, The port specified must be configured as a trunk-port before 'port set mc-vlan-encap' can be saved.**

**Explanation:**

You cannot set **mc-vlan-encap** for a port unless that port is also configured as an 802.1Q trunk port.

**Recommended Action:**

Configure the port as an 802.1Q trunk port before setting **mc-vlan-encap**.

## **%SYS-E-MEM 95% of heap memory used**

**Explanation:**

This condition may occur when you deploy the X-Pedition router with a configuration that uses many Layer-2 MAC addresses, Layer-3 flows, routing table entries, and ports with RMON/RMON2 enabled.

**Recommended Action:**

Enterasys Networks recommends a Control Module memory upgrade.

## **%SYS-E-MEMUSESTATS Printing memory stats because no memory available**

**Explanation:**

The X-Pedition router does not have sufficient memory. The per-task memory will print to the screen. The system then produces the %SYS-F-HEAPEMPRY error message on [page 683](#).

**Recommended Action:**

Enterasys Networks recommends a Control Module memory upgrade.

**%SYS-E-MIXED\_MEDIA\_OPTS** Mixed Media option specified for port does not support the option or you have specified a mix of different media ports.

**Explanation:**

Mixed Media option specified for port does not support the option or you have specified a mix of different media ports.

**Recommended Action:**

Retry the command and specify the appropriate ports.

**%SYS-E-MODULE\_CRASH\_DUMP** Crash dump from module %d is as follows

**Explanation:**

This error message appears when a crash dump is specific to a module.

**Recommended Action:**

Check module and reboot router.

**%SYS-E-MTUINTERFACEUSED** The physical port MTU cannot be less than the MTU for the interface assigned to this port. Negate or modify the 'interface create ip...' command associated with this port first.

**Explanation:**

A user attempted to set the physical port MTU (via the **port set mtu** command) and the port has already been assigned to an interface which has an associated MTU that is greater than the physical MTU.

**Note:** The **interface create ip** command assigns a default interface MTU if it is not exclusively specified. This value can be displayed using the **interface show ip all** command.

**Recommended Action:**

Negate or modify the **interface create ip** command associated with this port before trying to set the port MTU via the **port set mtu** command. The MTU assigned to an interface must be less than the physical MTU of the port(s) assigned to that interface.

**%SYS-E-MULTIPLEUSERS <0> <0> another user is adding, choosing or removing an image. Please wait and try again.**

**Explanation:**

More than one user is trying to add, choose, or delete images. Only one user at a time can perform these operation.

**Recommended Action:**

Wait and try again.

**%SYS-E-NAME\_TOO\_LONG, Length of name exceeds set column size of %d. Use 'system set terminal columns' to set the column size.**

**Explanation:**

The length of the string entered for the name exceeds the set terminal column size.

**Recommended Action:**

Use a shorter string for the name or decrease the terminal column size with the '**system set terminal columns**' command.

**%SYS-E-NFILE, falloc: fdalloc: file table overflow**

**Explanation:**

This indicates that more than 512 file descriptors are opened. File descriptors are used for opening configuration files and for socket connections to/from the router. This could be an indication of a DoS attack on the router.

**Recommended Action:**

Check for a DoS attack on the router. The **ip show connections** command will display the sockets on which the router is listening as well as active connections.

**%SYS-E-NIAQBROKE Network receive queue error**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

## **%SYS-E-NOBACKUPCM no backup CPU Module detected in system**

**Explanation:**

This message is displayed when you are trying to copy data to the backup CM module when the system does not have a backup CM module.

**Recommended Action:**

None.

## **%SYS-E-NOBUFS %s: %s: no buffer space available**

**Explanation:**

This message appears if memory is allocated in the buffer and no space is available.

**Recommended Action:**

Upgrade memory.

## **%SYS-E-NODEVICE No device specified: ‘<name>’**

**Explanation:**

A required device name has not been appropriately specified by the user in relation to a given command.

**Recommended Action:**

Ensure that you have specified a valid, required device name in association with the given command.

## **%SYS-E-NOENHCAP <capability> capability not available**

**Explanation:**

The specified capability is not available on the present version of hardware.

**Recommended Action:**

To use the capability, upgrade the hardware.



**%SYS-E-NOFLASHCARD external FLASH card not present (or write-protect switch is ON)****Explanation:**

The system does not detect a Flash card.

**Recommended Action:**

Make sure a Flash card is properly installed.

**%SYS-E-NOHALF, Cannot set et.16.1 to half-duplex mode - Not Supported!****Explanation:**

This message appears when a user attempts to set half-duplex mode on a module that does not support it (e.g., the ER16-HFX39-24 and ER16-HFX39-24 modules).

port set et.16.1 duplex half
------------------------------

**Recommended Action:**

Verify that the modules on which you will enable specific modes can support them.

**%SYS-E-NOHOTSWAP System Hotswap not supported****Explanation:**

You attempted to issue a hotswap command on a system where hotswap is not supported.

**Recommended Action:**

This action is not allowed.

**%SYS-E-NOMEM %s: %s: insufficient memory****Explanation:**

Required memory is unavailable.

**Recommended Action:**

Upgrade memory.

## **%SYS-E-NOMSG %s: %s: no message of desired type**

**Explanation:**

Mibget getmsg did not return expected message while reading GateD kernel's routing table.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-E-NOMULTBMON Port <#> is already specified in a bmon command. You must negate this command first.**

**Explanation:**

A user tried to set up a broadcast monitor that will redirect a port's traffic to more than one port.

**Recommended Action:**

Remove or negate the offending command from the configuration.

## **%SYS-E-NOTENABLED Device configuration only permitted from enabled mode**

**Explanation:**

This message appears when a user attempts to enter Configure mode from Diagnostic mode.

**Recommended Action:**

The user must first leave Diagnostic mode and enter enabled mode with the enable command. Only then can the user enter Configure mode with the config command.

## **%SYS-E-PORTBUSPARITY Port bus parity error**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

**%SYS-E-PORTBUSWRITE Port bus write error at address  
0x<hex\_value>**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

**%SYS-E-PORTDUP, Redirecting port <port number> to itself is not allowed.**

**Explanation:**

A user tried to set up a broadcast monitor that will redirect a port's traffic to itself.

**Recommended Action:**

Remove the offending command from the configuration.

**%SYS-E-PORTISMIRROR Port '%s' is a designated monitor port for port mirroring, already disabled**

**Explanation:**

This message appears when you use a **port disable** command to disable a monitor port that was already disabled with a **port mirror** command.

**Recommended Action:**

The port specified must not be configured as a monitor port for a port mirror.

## **%SYS-E-PRIMARY\_NO\_SUCH\_IMAGE <0> <1> Primary CM-no image named %s**

### **Explanation:**

You tried to delete a non-existent image with the system image delete command.

### **Commands:**

To delete an image from the primary control module, use:

**system image delete** <imagename> **primary-cm**

To delete an image from both the primary and backup control modules, use:

**system image delete** <imagename>

### **Recommended Action:**

Run the **system image list** command to see the available images and then choose a name from those displayed. It is important to note the difference between the name of the image (displayed in the left column of system image list) and the version number of the image (displayed in parentheses in the right column). The image \*name\* should be used with the **system image delete** command.

## **%SYS-E-PROTO %s: %s: protocol error**

### **Explanation:**

Mibget returned protocol error while reading GateD Kernel's routing table.

### **Recommended Action:**

Contact Enterasys Technical Support.

## **%SYS-E-RADIUS\_TACACSPLUS\_CONFLICT, RADIUS and TACACSPLUS authorization cannot be configured at the same time. Remove TACACSPLUS authentication before attempting to enable RADIUS.**

### **Explanation:**

The user attempted to enable RADIUS when TACACS Plus was already enabled—these protocols cannot operate simultaneously. This error may also appear as:

%SYS-E-RADIUS\_TACACSPLUS\_CONFLICT, RADIUS and TACACSPLUS authorization cannot be configured at the same time. Remove RADIUS authentication before attempting to enable TACACSPLUS.

### **Recommended Action:**

Disable TACACS Plus authentication before attempting to enable RADIUS (or vice versa). To do this, remove the configuration line that set the current remote authentication method, then add the line with the new authentication method.

## **%SYS-E-RAT\_FULL MAC address %s could not be added to the Router MAC Table of Port %s**

### **Explanation:**

Routing Address Table (RAT) for the given port was full and the mac address could not be added to the table. There may be too many interfaces created with unique mac addresses. VRRP could also be installing too many entries into the RAT.

### **Recommended Action:**

Check how many interfaces are created with unique mac addresses. Check VRRP configuration. The RAT can be viewed with 'debug 12 rat port xxx' command.

## **%SYS-E-READVALUE, Unexpected read() value '<value>', expected value '<value>'**

### **Explanation:**

While attempting to read a file sent from the Backup CM, an error occurred when reading the file size. The Backup CM is likely running a different firmware version than the Primary CM.

### **Recommendation:**

Verify that both the Primary CM and Backup CM are running the same version of firmware. If problem persists, please contact Enterasys Networks Technical Support.

## **%SYS-E-REDPARAMEQUAL maximum red threshold needs to be greater than minimum red threshold**

### **Explanation:**

Random Early Discard (RED) parameters in PPP or Frame Relay configurations have incorrect thresholds.

### **Recommended Action:**

Check PPP or Frame Relay configurations on WAN card.

**%SYS-E-SEMAPHORE\_NOT\_OBTAINED, Unable to obtain semaphore.  
File: sr\_api.c Line: 323 Error: -21**

**Description:**

Semaphores are used to protect memory by preventing other tasks from accessing a particular part of memory when another task “owns” the semaphore. This message appears when a task could not get a semaphore and started changing the protected memory—this indicates a very high possibility that memory corruption will occur.

**Recommended Action:**

By ignoring the lock, your router may become unstable. Contact Enterasys Technical Support.

**%SYS-E-SEMAPHORE\_RELEASED, Semaphore released but not  
obtained: 0x8017a214 0x80417b74 0x801729a8**

**Explanation:**

Semaphores are used to protect shared memory. This message appears when a task finishes changing shared memory that may have been locked by another task. This message indicates possible memory corruption.

**Recommended Action:**

Contact Enterasys Technical Support and provide the message and memory addresses displayed.

**%SYS-E-SETDSTIME Unable to set daylight saving time**

**Explanation:**

This message is displayed if an error occurs while setting daylight saving time.

**Recommended Action:**

Set time manually with the ‘system set date’ command. If problem persists, contact Enterasys Technical Support.

**%SYS-E-SETTIME Daylight saving time was unable to set system time**

**Explanation:**

System received an error trying to set the real time clock.

**Recommended Action:**

Set time manually with the ‘system set date’ command. If problem persists, contact Enterasys Technical Support.

**%SYS-E-SOCKETSETTYPEMISMATCH Slot %d, The Socket Set upper channel and lower channel cards are different types.**

**Explanation:**

There are two cards of dissimilar type in the same socket set carrier module.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-SOCKETSETUPRCHNLSYNCFail The Socket\_Set upper channel sync fails, hotswap out slot %d.**

**Explanation:**

The socket carrier module has only the lower channel in use, there is no card in the upper channel, and upper channel carrier channel sync logic has failed to sync up correctly. The carrier module will be hot swapped by software.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

**%SYS-E-SRCFILE missing source filename**

**Explanation:**

The user attempted to conduct a file copy operation, but no source filename has been specified.

**Recommended Action:**

Ensure that the appropriate source filename is included in the command sequence.

**%SYS-E-STHALF, Cannot set <port-number> to half-duplex mode because SmartTRUNK requires its member ports to be in full-duplex mode.**

**Explanation:**

An error occurred when attempting to change a SmartTRUNK member port to half-duplex mode.

**Recommended Action:**

None. The X-Pedition router requires that all SmartTRUNK members are in full-duplex mode.

## **%SYS-E-SXOBHARDWAREINIT - The SXOB in slot <number> failed module initialization.**

**Explanation:**

Internal software failed in an attempt to initialize the module in slot indicated.

**Recommended Action:**

Attempt to restart the module. If problems persist, contact Enterasys Technical Support.

## **%SYS-E-SYSTEMIMAGEFAIL {Primary|Backup} CM: command '{add|delete|list|choose}' failed: <REASON>**

**Explanation:**

The **system image** command did not finish successfully.

**Recommended Action:**

The action required depends on the command that failed and the reason for the failure. Some common examples include:

- Image already exists (the given image name is already in use; choose another name, or remove the existing image, then try again)
- Not enough space on device (there is no room left on the flash card for another image. Delete one or more images and try again)
- No such image (the given image name does not exist. Check the spelling of the name and try again)
- Attempted to delete image chosen for next boot (choose another image, or “none”, then try again)
- Unable to save image (contact Enterasys technical support)

## **%SYS-E-UNKNOWN\_MODE Unknown mode set for deep hashing -- %s**

**Explanation:**

System became confused about which hashing mode is being set.

**Recommended Action:**

Contact Enterasys Technical Support.



**%SYS-E-UNKNOWNURL Unrecognized URL: <URL>****Explanation:**

This error message appears when the X-Pedition router encounters an unrecognizable URL.

**Recommended Action:**

Ensure that the specified URL is correct.

**%SYS-E-UNKWNHOST unknown host '<name>'****Explanation:**

The X-Pedition router is unable to resolve the specified hostname's IP address.

**Recommended Action:**

Ensure that DNS is working correctly and that the specified hostname is correct.

**%SYS-E-VFSBADINUSECNT %s: %s: invalid in-use count****Explanation:**

You attempted to modify the configuration on the X-Pedition router. The file system where you store the Startup configuration file is corrupted and must be reformatted to fix the problem.

**Recommended Action:**

1. Record your current configuration information (it will be lost when you reboot your system or when you reformat the file system).

**Note:** If your system contains a PCMCIA module, a backup copy of your Startup configuration should have been stored on it so this step may not be necessary.

2. Reboot the X-Pedition router. During the Boot Firmware initialization, press the Escape key to stop the System Firmware from booting. (Typically, the Boot Firmware waits two seconds for user interruption before starting to boot the System Firmware.)
3. At the Boot Firmware's CLI prompt, enter the following:

```
xp-boot> umount
xp-boot> erasevfs
xp-boot> mount -i
xp-boot> boot
```

## **% SYS-E-VFSBADVERSION vfs\_initialize\_pcmcia: flash mount: bad VFS version - file system erased?**

### **Explanation:**

While trying to initialize the PCMCIA Flash Module, an illegal version number was detected. This is usually due to an erased PCMCIA Flash Module.

### **Recommended Action:**

Use the boot image prompt command “pcmount -i” to initialize the PCMCIA Flash Module.

## **% SYS-E-VFSCORRUPT error while attempting to repair file system**

### **Explanation:**

While attempting to fix a problem detected by the file system verify, an error was detected. The file system is corrupt and cannot be fixed.

### **Recommended Action:**

Use the boot image prompt (XP-boot) commands “erasepcvfs” and “pcmount -i” to initialize the PCMCIA Flash Module.

## **%SYS-E-VFSDISKCREATE %s: %s error initializing disk**

### **Explanation:**

This message appears when an error creating a native file in the virtual file system occurs.

### **Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-VFSDISKOPEN %s: %s error opening disk**

### **Explanation:**

This message appears when an error opening a native file in the virtual file system occurs.

### **Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-VFSDISKREAD %s: %s error reading disk**

**Explanation:**

This message appears when an error seeking/reading native file in the virtual file system occurs.

**Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-VFSDISKWRITE %s: %s error writing disk**

**Explanation:**

This message appears when an error seeking/writing native file in the virtual file system occurs.

**Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-VFSEENTRYFREED file system block freed during verify**

**Explanation:**

While verifying the VFS, a bad block was detected and fixed automatically.

**Recommended Action:**

Informational message only, no action necessary.

## **%SYS-E-VFSFILECLOSE %s: %s file close failed**

**Explanation:**

This message appears when an error closing native file in the virtual file system occurs.

**Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-VFSFILESYSFULL %s: %s: file system is full**

**Explanation:**

System could not find any more space on the virtual file system.

**Recommended Action:**

Delete some files to make space. Upgrade to larger storage device.

## **%SYS-E-VFSINTFLASHBAD %s: %s: internal flash corrupted**

**Explanation:**

Internal permanent flash memory is corrupted.

**Recommended Action:**

Should happen only during bootup. If rebooting does not help, boot to the boot prompt by using the ESC key while booting. Must be connected to console port to get the boot prompt. Use the commands: 'umount' to unmount the file system, 'erasevfs' to reset the internal flash, or 'mount-i' to remount the clean file system (the -i option reinitializes the file system).

## **%SYS-E-VFSMODECONFLICT %s: %s: conflicting mode for file open**

**Explanation:**

Virtual file system is trying to perform an operation on a file with conflicting modes (e.g., read/write on a compressed file).

**Recommended Action:**

Call Enterasys Technical Support.

## **%SYS-E-XBARTMOUT Transmit timeouts to Xbar (destCEPs=0x<hex\_value>)**

**Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and need replacing.

## **%SYS-E-XFERBACKUP Data transfer to backup control module failed**

**Explanation:**

X-Pedition router is unable to transfer the configuration file to the backup CM module.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-E-XG\_AUTOHASH - 10 gig ports do not support autohashing.****Explanation:**

An invalid attempt was made to set the speed or duplex of a 10 Gig port.

**Recommended Action:**

No action required.

**%SYS-E-XG\_FPGA\_PROGRAM Unable to update module <Module num> Ten Gig FPGA from <File1> to <File2>****Explanation:**

This message occurs if an error occurs while performing a FPGA update with software.

**Recommended Action:**

Verify software versions and naming convention. If problem persists, please contact Enterasys Technical Support.

**%SYS-E-XG\_GET\_ERROR <Function> failed - port: <Main Port> subport: <Supporting Port>****Explanation:**

The 10-Gigabit module has two port types that connect to the backplane—the main port and the supporting ports. The main port and supporting ports are operating in different modes.

**Recommended Action:**

Please contact Enterasys Technical Support.

**%SYS-E-XG\_HOTSWAP\_ERROR slot <Slot> is not the primary slot. Please reference the primary slot for this module.****Explanation:**

A user performing a hot swap specified a slot other than the primary slot.

**Recommended Action:**

Use the primary slot to hot swap the 10-Gigabit module.

## **%SYS-E-XG\_PHYCARD\_ERROR <Description> <Port>**

**Explanation:**

No PHY card is present in the 10-Gigabit line module.

**Recommended Action:**

Add a PHY card to the main board.

## **%SYS-E-XG\_SET\_ERROR <Description> <Port>**

**Explanation:**

An attempt was made to apply an incorrect setting to the 10-Gigabit port. Such settings include Duplex, Speed, Auto-negotiation, and SmartTRUNKing.

**Recommended Action:**

Do not attempt to apply any of these settings to the port.

## **Fatal Messages**

### **%SYS-F-ASSERT Assertion 'assertion\_string' failed: file <file\_name>, line <line\_number>**

**Explanation:**

An internal error occurred.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%SYS-F-BACK\_FREQ\_FAILED, Rebooting failed to help calculate the backplane frequency. Unable to boot the system.**

**Explanation:**

The system firmware attempted to calculate the backplane frequency twice but both attempts failed.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

**%SYS-F-BAD\_NIA\_MEM Bad Memory at 0x<hex\_value> on NIA****Explanation:**

Control Module may have a hardware problem.

**Recommended Action:**

Configure the system to run diagnostics, then reboot. Note the diagnostics messages. If any NIA failures are detected, the Control Modules may be bad and needs replacing.

**%SYS-F-BADADDRFLUSH cache flush with bad virtual address, '0x<hex\_value>'****Explanation:**

The CPU was flushing a bad virtual address and the TLB may be corrupt.

**Recommended Action:**

System will reboot. Ensure all line cards, CPU, fan, and backplane are seated well. Run diagnostics on the system to ensure there are no system problems. If problem persists, contact Enterasys Technical Support.

**%SYS-F-BADMEMREG memory block '0x<hex\_value>' is not in valid memory region (0x<hex\_value> - 0x<hex\_value>)****Explanation:**

Software problems in the memory management software.

**Recommended Action:**

Report problem to Enterasys Technical Support.

**%SYS-F-BADNETBUF bad buffer '0x<hex\_value>' from network interface****Explanation:**

The network interface chip on the Control Module accessed an invalid memory location.

**Recommended Action:**

System will reboot. Ensure all line cards, CPU, fan, and backplane are seated well. Run diagnostics on the system to ensure there are no problems with the Control Module card. If problem persists, contact Enterasys Technical Support.

**%SYS-F-BADSLOT CM is in an invalid slot <number> - must be in slot <number>**

**Explanation:**

The Control Module (CM) is in an invalid slot.

**Recommended Action:**

Move the Control Module (CM) to the appropriate slot. System will reboot.

**%SYS-F-BLKFREE memory freed twice - block '0x<hex\_value>' first time by: 0x<hex\_value> second time by: 0x<hex\_value>**

**Explanation:**

Software problems in the memory management software.

**Recommended Action:**

Report problem to Enterasys Technical Support.

**%SYS-F-BUSERR bus error due to '<error>', at virtual address 0x<hex\_value>**

**Explanation:**

This message appears when a system bus error has occurred.

**Recommended Action:**

System will reboot. Ensure all line cards, CPU, fan, and backplane are seated well. Run diagnostics on the system to ensure there are no system problems. If problem persists, contact Enterasys Technical Support.

**%SYS-F-CLI\_ERROR\_MEM\_FAIL cli malloc has failed**

**Explanation:**

Failed to allocate enough memory for command line interface process.

**Recommended Action:**

Upgrade system memory.



## **%SYS-F-CODEIVSEQ invalid code sequencing in file <filename>, line <number>**

### **Explanation:**

This message appears when there is a problem creating VLAN for subnets.

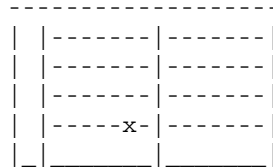
### **Recommended Action:**

System will reboot. If problem persists, contact Enterasys Technical Support.

## **%SYS-F-CPU\_CHASSIS\_PROBLEM\_2**

This error generates the following:

%SYS-F-CPU\_CHASSIS\_PROBLEM\_2 Two versions of the <chassis\_name> backplane have been released. Version 0 backplanes can be jumpered for 50.0 or 62.5 MHz. Version 1 backplanes can be jumpered for 62.5 MHz or 66.0 MHz. The 'system show hardware' command will display the backplane version at the end of the 'System type:' line and the backplane speed on the 'Backplane frequency:' line. This version 0 backplane is jumpered for 50.0 MHz. When a <control\_module\_version\_3> is installed the backplane must be jumpered for 62.5 MHz. The jumper controlling the backplane speed is located where the 'x' is in this figure:



The three-pin jumper block is aligned vertically. This figure illustrates the pin's orientation and numbering system:

```

---\n
| 3 |\n
---\n
| 2 |\n
---\n
| 1 |\n
---\n

```

The jumper is on pins 1 and 2. It must be moved to pins 2 and 3.

Also see [%SYS-E-CPU\\_CHASSIS\\_PROBLEM\\_1](#) on page 650 and [%SYS-F-CPU\\_CHASSIS\\_PROBLEM\\_3](#) on page 680.

### **Explanation:**

The system has an invalid hardware configuration.

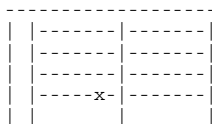
### **Recommended Action:**

Change the jumper from pins 2 and 1 to pins 3 and 2.

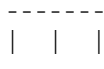
## %SYS-F-CPU\_CHASSIS\_PROBLEM\_3

This error generates the following:

%SYS-F-CPU\_CHASSIS\_PROBLEM\_3 Two versions of the <chassis\_name> backplane have been released. Version 0 backplanes can be jumpered for 50.0 or 62.5 MHz. Version 1 backplanes can be jumpered for 62.5 MHz or 66.0 MHz. The 'system show hardware' command will display the backplane version at the end of the 'System type:' line and the backplane speed on the 'Backplane frequency:' line. This version 1 backplane is currently jumpered for 66.0 MHz which is an invalid hardware configuration. The jumper controlling the backplane speed is located where the 'x' is in the following diagram:



The two-pin jumper block is aligned horizontally as show in this figure:



The jumper is on both pins. It must be removed.

Also see [%SYS-E-CPU\\_CHASSIS\\_PROBLEM\\_1](#) on page 650 and [%SYS-F-CPU\\_CHASSIS\\_PROBLEM\\_2](#) on page 679

### **Explanation:**

The system has an invalid hardware configuration.

### **Recommended Action:**

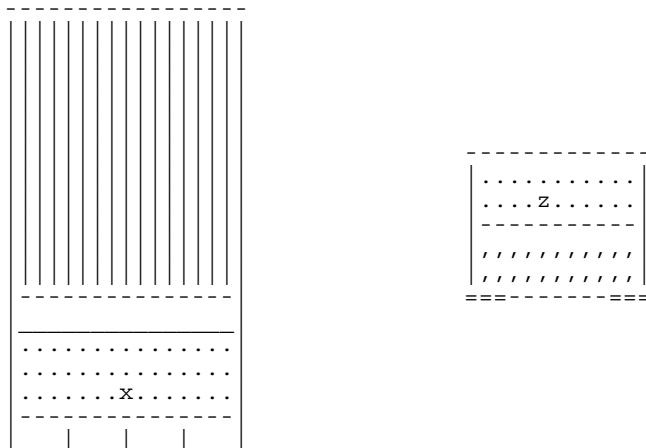
Remove the jumper.



## %SYS-F-CPU\_CHASSIS\_PROBLEM\_5

This error generates the following:

This <system\_type> system is jumpered for 66.0 MHz which is an invalid hardware configuration. The jumper controlling the backplane speed is located on the clock card where the 'x' is on the left diagram below. After removing the cover plate slide out the clock card, it is the bottom card. The right diagram is a top view of the clock card. The 'z' in the right diagram shows where the jumper labeled 'JP1' is located on the clock card. Remove the jumper from the two pins.

**Explanation:**

The system has an invalid hardware configuration.

**Recommended Action:**

Remove the jumper labeled JP1 from the clock card.

## %SYS-F-CPU\_CHASSIS\_PROBLEM\_6, Unknown chassis problem (System\_ID=<num1>, MBoard\_ID=<num2>, Ver=<num3>)

**Explanation:**

The control module determined that the chassis' backplane was running at 66 MHz, but could not determine the chassis type in which the module is installed.

**Recommended Action:**

The system will reboot. If the problem persists contact Enterasys Technical Support with the information in the error message.

**%SYS-F-HEAPEMPTY insufficient heap memory****Explanation:**

System is running low on DRAM.

**Recommended Action:**

Upgrade the amount of DRAM DIMM memory to the next highest recommended amount.

**%SYS-F-IVSYSTEM unrecognized or invalid system '<number>'****Explanation:**

The system ID is invalid.

**Recommended Action:**

The backplane ID is not valid for this version of Control Module and Software. Contact Enterasys Technical Support.

**%SYS-F-LESS\_THAN\_64MB\_MEMORY The minimum amount of memory for this version of System Firmware is 64MB. Press the ESC key when the Boot Firmware prompts you and the revert to a System Firmware version that takes less than 64MB of memory.****Explanation:**

The minimum amount of memory to run the System Firmware is 64MB.

**Recommended Action:**

Install more memory or revert back to a release prior to 3.1.0.0.

**%SYS-F-L2DBLALLOC L2 entry 0x<hex\_value>, allocated twice on port <number>****Explanation:**

This message appears when an L2 table entry was erroneously allocated twice on the same port.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L2 table. If problem persists, contact Enterasys Technical Support.

## **%SYS-F-L2IVLDVLAN invalid VLAN ID '<number>'**

**Explanation:**

This message appears when an invalid VLAN ID was passed to the L2 software drivers.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L2 table. If problem persists, contact Enterasys Technical Support.

## **%SYS-F-L3DBLALLOC L3 entry 0x<hex\_value>, allocated twice on channel <number>**

**Explanation:**

This message appears when an L3 table entry was erroneously allocated twice on the same channel.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L3 table. If problem persists, contact Enterasys Technical Support.

## **%SYS-F-L3DBLFREE L3 entry 0x<hex\_value>, freed twice on channel <number>**

**Explanation:**

This message appears when an L3 table entry was erroneously deleted twice on the same channel.

**Recommended Action:**

The system will reboot. Run diagnostics on the system to ensure there are no memory problems with the L3 table. If problem persists, contact Enterasys Technical Support.

## **%SYS-F-L3HASHADRBAD bad entry address of 0x<hex\_value> in segment 0x<hex\_value>**

**Explanation:**

This message appears when an L3 table pointer got corrupted.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L3 table. If problem persists, contact Enterasys Technical Support.

**%SYS-F-L3HASHBAD bad hash value of 0x<hex\_value> in segment 0x<hex\_value>****Explanation:**

This message appears when a bad hash value was computed for an L3 table entry.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L3 table. If problem persists, contact Enterasys Technical Support.

**%SYS-F-L3TBLBAD entry to be deleted 0x<hex\_value>, not found on channel <number>, bucket <number>****Explanation:**

An L3 table entry was requested to be deleted on a channel and not found.

**Recommended Action:**

System will reboot. Run diagnostics on the system to ensure there are no memory problems with the L3 table. If problem persists, contact Enterasys Technical Support.

**%SYS-F-MEMCORRUPT memory block '0x<hex\_value>' is corrupt****Explanation:**

Software problems in the memory management software.

**Recommended Action:**

Report problem to Enterasys Technical Support.

**%SYS-F-MEMHDRBAD malloc header size '<number>' or overhead size '<number>' is invalid****Explanation:**

Software problems in the memory management software.

**Recommended Action:**

Report problem to Enterasys Technical Support.

**%SYS-F-READFAILURE** Problem reading slot *<slot\_number>* likely due to removing a line card without pushing the hotswap button, not letting a hot swap complete before removing the line card, a low power condition, or a power supply problem.

**Explanation:**

An external error has been detected.

**Recommended Action:**

Press the Hot Swap button or use the “system hotswap out” command to hot swap out line cards before removing them, allow hot swap operations on line cards to complete before removing them, verify the power cable is fully plugged into the power supply, and replace faulty power supplies. If the slot number printed out is the lowest numbered slot with a line card in it then the problem was most likely a power problem.

**%SYS-F-SLOT\_IN\_USE** Slot *<Slot Number>* is already in use. Cannot add module to slot *<Slot Number>*

**Explanation:**

The router is attempting to process a request to hot swap a module into a slot that already contains a module. The hot swap queue mechanism should prevent the router from attempting such an action.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-F-STACKOVERFLOW**, Stack overflow in *<task-name>* task

**Explanation:**

This fatal error will occur if the specified subsystem does not have enough memory allocated to it in order for it to function reliably.

**Recommended Action:**

Contact Enterasys Technical Support for information on the appropriate action to take.



**%SYS-F-STEAL\_PORT\_BUS\_FAILED** The Backup CM's attempt to become the Primary CM failed. This system contains a version *<chassis\_name>* backplane.

**Explanation:**

The Backup control module attempted to become the Primary control module but failed.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYS-F-TEMPFANSFAIL** fan failure has caused overheating - system shutting down

**Explanation:**

The fan has failed. The system is shutting down to prevent damage to the hardware.

**Recommended Action:**

Repair or replace the fan.



# Chapter 76

## Syslog Error Messages

This chapter describes the error messages for the Syslog facility.

### Informational Messages

#### **%SYSLOG-I-EMPTY Syslog buffer is empty.**

**Explanation:**

This message appears when there is no local syslog output from the buffer for the user to view.

**Recommended Action:**

Informational message. No action required.

### Audit Messages

#### **%SYSLOG-A-COMMAND\_ADD “Config command (%s) added to configuration”**

**Explanation:**

A syslog configuration command was added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSLOG-A-COMMAND\_FAIL “Config command (%s) failed to execute”**

**Explanation:**

A syslog configuration command caused an execution failure when added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSLOG-A-COMMAND\_MOD “Config command (%s) modified existing command”**

**Explanation:**

A syslog configuration command in the active configuration was modified.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSLOG-A-COMMAND\_REM “Config command (%s) removed from configuration”**

**Explanation:**

A syslog configuration command was removed from the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **Warning Messages**

### **%SYSLOG-W-UNKWNHOST Cannot resolve syslog server ‘<name>’.**

**Explanation:**

This error message appears when the X-Pedition router is unable to resolve the hostname of the given syslog server into its IP address.

**Recommended Action:**

Specify the syslog server using its existing IP address and/or ensure that the X-Pedition router is able to resolve the syslog server’s hostname.

## Error Messages

**%SYSLOG-E-SENDMSG failed to contact syslog server '<name>':  
<name>**

**Explanation:**

This message appears when the syslog server is unreachable.

**Recommended Action:**

Ensure the syslog server is reachable if not on the system.

**%SYSLOG-E-SOCKET\_OPEN\_FAILED socket open failed in error log  
task**

**Explanation:**

This message appears when a socket fails to open when sending error messages to the syslog server.

**Recommended Action:**

Contact Enterasys Technical Support.

## Fatal Messages

**%SYSLOG-F-ERRORLOG\_Q\_CREATE\_FAILED errlog Q create failed,  
'%s': %dSENDMSG failed to contact syslog server '<name>': <name>**

**Explanation:**

This message appears when a queue to receive error messages fails to be created.

**Recommended Action:**

Contact Enterasys Technical Support.

**%SYSLOG-F-ERRORLOG\_TMR\_CREATE\_FAILED, error log timer create failed, ErrorLog\_Init: -26.**

**Explanation:**

The X-Pedition router could not create the errlog watchdog timer—this will cause the router to crash.

**Recommended Action:**

Contact Enterasys Technical Support.

# Chapter 77

## System Error Messages

This chapter describes the error messages for the System facility.

### Audit Messages

#### **%SYSTEM-A-CLI\_MODE\_CHANGE “CLI mode changed to (%s).”**

**Explanation:**

The CLI user changed to a different user mode.

**Recommended Action:**

Security audit message. No action necessary.

#### **%SYSTEM-A-PORT\_COMMAND\_ADD “Port Config command (%s) added to configuration”**

**Explanation:**

A Port configuration command was added to the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSTEM-A-PORT\_COMMAND\_FAIL “Port Config command (%s) failed to execute”**

**Explanation:**

A Port configuration command failed to execute when added to the active configuration.

**Recommended Action:**

Check the command options and syntax and try the command again.

## **%SYSTEM-A-PORT\_COMMAND\_MOD “Port Config command (%s) modified existing command”**

**Explanation:**

A Port configuration command in the active configuration was modified.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSTEM-A-PORT\_COMMAND\_REM “Port Config command (%s) removed from configuration”**

**Explanation:**

A Port configuration command was removed from the active configuration.

**Recommended Action:**

Security audit message. No action necessary.

## **%SYSTEM-A-SYSLOGLEVEL “Syslog level changed to %s for facility %s.”**

**Explanation:**

The configured syslog minimum level has changed.

**Recommended Action:**

Security audit message. No action necessary.



# Chapter 78

## T1T3CLI Error Messages

This chapter describes the error messages for the T1T3CLI facility.

### Informational Messages

#### **%T1T3CLI-I-SERVICENONFR service%s is not frame relay service**

**Explanation:**

This message is displayed when the user tries to assign a non-Frame Relay service to a Frame Relay port.

**Recommended Action:**

Make sure that the service is a Frame Relay service.

#### **%T1T3CLI-I-SERVICENONPPP service%s is not PPP service**

**Explanation:**

This message is displayed when the user tries to assign a non-PPP service to a PPP port.

**Recommended Action:**

Make sure that the service is a PPP service.

## Warning Messages

**%T1T3CLI-W-MLPVLANADDFAIL vlan add port command failed on %s, starting clean-up**

**Explanation:**

This message is displayed when adding a multilink PPP port to a specified VLAN fails.

**Recommended Action:**

None.

**%T1T3CLI-W-VLANADDFAIL vlan add port command failed on wan slot %d port %d, starting clean-up**

**Explanation:**

This message is displayed when adding a WAN port to a specified VLAN fails.

**Recommended Action:**

None.

## Error Messages

**%T1T3CLI-E-HASLINKS mlp(%s) still has ppp ports joined**

**Explanation:**

This error message is displayed when removing an MLP bundle fails because it has PPP ports attached to it.

**Recommended Action:**

Remove the PPP links from the MLP bundle and try again.

**%T1T3CLI-E-MLPPHYPORT %s is part of mlp group, please use mlp port name instead.**

**Explanation:**

This error message is displayed when a physical port is part of an MLP bundle, MLP port names should be used in commands such as vlan add port and interface create.

**Recommended Action:**

None.

**%T1T3CLI-E-MLPPHYMLP %s already belongs to %s**

**Explanation:**

This error messages is displayed when trying to add a physical port to more than one MLP bundle.

**Recommended Action:**

Use MLP port name instead of physical port name.

**%T1T3CLI-E-MLPPORTEXIST %s already exists**

**Explanation:**

This error message is displayed when trying to create an MLP bundle that already exists.

**Recommended Action:**

None.

**%T1T3CLI-E-MLPPORTNOTEXIST %s does not exist, please use ppp create-mlp command first**

**Explanation:**

This message is displayed when trying to delete PPP port that does not exist.

**Recommended Action:**

None.

### **%T1T3CLI-E-MLPPORTUSED physical port(s) used by configuration command.**

**Explanation:**

This error message is displayed when the specified physical ports that are being added into an MLP bundle is used by a configuration command.

**Recommended Action:**

When adding a physical port to an MLP bundle, this physical port's name is specified in commands such as `vlan add port` and `interface create`. Please negate those commands and try again.

### **%T1T3CLI-E-MLPSLOT mlp(%s) and port(%s) are not configured for the same slot**

**Explanation:**

This error message is displayed when trying to add a port to an MLP bundle that is connected to another slot.

**Recommended Action:**

Make sure that the port being added to the bundle is on the same slot.

### **%T1T3CLI-E-MLPVLAN mlp(%s) is already on vlan(%s)**

**Explanation:**

This error message is displayed when trying to add an access MLP port fails because the specified port is already on a VLAN. You can not add an MLP port to more than one VLAN.

**Recommended Action:**

Make sure that an access MLP port is added to only one VLAN per protocol.

### **%T1T3CLI-E-VCALREADYEXIST frame-relay create vc command failed for %s since they are already created**

**Explanation:**

This error message is displayed when creating a Frame Relay PVC fails because the PVC already exists.

**Recommended Action:**

None.

# Chapter 79

## Telnet Error Messages

This chapter describes the error messages for the Telnet facility.

### Audit Messages

#### **%TELNETD-A-GRACE\_TIMEOUT, Telnet session <session\_number> authentication grace period exceeded**

**Explanation:**

A Telnet session timed-out while authenticating with the local system.

**Recommended Action:**

Security audit message. No action necessary.

#### **%TELNETD-A-LOGIN “Telnet user login”**

**Explanation:**

A new Telnet user has logged in to the system.

**Recommended Action:**

Security audit message. No action necessary.

## **%TELNET-A-LOGINFAIL “%d login failures from %s”**

**Explanation:**

A login failure has occurred because a Telnet user had incorrectly entered userid/password information.

**Recommended Action:**

Security audit message. No action necessary.

## **%TELNETD-A-LOGOUT, Telnet user logout**

**Explanation:**

A Telnet user logged out.

**Recommended Action:**

Security audit message. No action necessary.

## **Warning Messages**

### **%TELNETD-W-BADPASSWD bad password from <name>**

**Explanation:**

This message is displayed when a user enters a bad password over a telnet connection. It includes the IP address of the host making the connection.

**Recommended Action:**

This may indicate that a user at the specified host is trying to break into the router by guessing at the password. You should check to see who is logged in to that host. Ask them not to attempt to break into your router. You can disallow telnet access from a specified host with the **ACL?** command.

### **%TELNETD-W-IDLE\_TIMEOUT Telnet console idle time-out**

**Explanation:**

This message is displayed when the idle time has expired and session %d was shutdown.

**Recommended Action:**

Use the **system set idle-time-out telnet 30** command to set the idle time-out value to 30 minutes. The default idle time-out value is 5 minutes.

## **%TELNETD-W-LOGINFAIL repeated login failures from <name>**

### **Explanation:**

This message is displayed when a user enters a bad password (multiple times) over a telnet session multiple times. It includes the IP address of the host making the connection.

### **Recommended Action:**

This message may indicate that a user at the specified host is trying to break in to the router by guessing at the password. You should check to see who is logged in to that host. Ask them not to attempt to break into the router. You can disallow telnet access from a specific host using the **ACL** ? command.

## **Error Messages**

## **%TELNETD-E-IOCTL ioctl(<number>) failed, errno = <number>**

### **Explanation:**

System resources are limited and the Telnet request for system IOCTL failed.

### **Recommended Action:**

Increase system memory and if problem persists, contact Enterasys Technical Support.





# Chapter 80

## TFTP Error Messages

This chapter describes the error messages for the Trivial File Transfer Protocol facility.

### Informational Messages

**%TFTP-I-BAD\_TFTP\_SOURCE\_ADDRESS, Using default TFTP source address.**

**Explanation:**

This messages appears when the router's TFTP server could not use the source IP address specified by the **system set tftpsource** command. The router was able to bind the default IP address.

**Recommended action:**

Informational message only, no action necessary.

**%TFTP-I-XFERRATE <name> <number> bytes in <number>.<number> seconds**

**Explanation:**

This message is displayed to denote the transfer rate of the TFTP.

**Recommended Action:**

Informational message. No action required.

## Error Messages

### **%TFTP-E-BADTFTPURL Bad TFTP URL '<url\_type>://<url\_name>'**

**Explanation:**

This message is displayed when the TFTP URL is bad.

**Recommended Action:**

Ensure you have the correct format to get to the file on the TFTP server. For example, `tftp://10.50.88.100/qa/img8`.

### **%TFTP-E-CREATETASK TFTP server could not create a child task: %i**

**Explanation:**

This message indicates that there is a system failure.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%TFTP-E-GETFILENAME Could not parse the incoming TFTP request**

**Explanation:**

The file name is longer than the packet size specified in an incoming TFTP request packet. This may be caused by a corrupted TFTP request packet.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

### **%TFTP-E-INVALIDFILE TFTP server could not open file '%s'**

**Explanation:**

TFTP server could not open the file specified in an incoming TFTP request packet. This may be caused by an incorrect format of the filename sent by the TFTP client or by a corrupted TFTP request packet. The message should disappear once a filename with correct format is sent by the TFTP client.

**Recommended Action:**

If problem persists, contact Enterasys Technical Support.

## **%TFTP-E-NORESPONSE No response from server: <name>**

### **Explanation:**

This message is displayed when there was no response from the TFTP server.

### **Recommended Action:**

Check the IP address. Ensure you have a route. Attempt to ping the TFTP server to ensure you have a route to it.

## **%TFTP-E-REMOTE Remote error <number>: <name>**

### **Explanation:**

This message is displayed when the TFTP server had an error.

### **Recommended Action:**

Verify the TFTP server is up and functioning. Also, ensure the file exists and has correct protections.

## **%TFTP-E-SESSIONDENIED New TFTP server session denied -- Too many sessions**

### **Explanation:**

There are too many TFTP server sessions on the X-Pedition router.

### **Recommended Action:**

Terminate an existing TFTP session or wait until an existing TFTP session is finished.

## **%TFTP-E-SESSIONENDED TFTP server session ended prematurely: %i**

### **Explanation:**

TFTP server terminates the session with TFTP client if not able to open the local file specified by the client, or not able to receive or send file to the client. This can happen if the server cannot find the local file specified by the client. The message should disappear once the correct file name is sent by the client.

### **Recommended Action:**

If problem persists, contact Enterasys Technical Support.

## **%TFTP-E-TASKENDED TFTP server task died prematurely**

**Explanation:**

This message indicates that there is a system failure.

**Recommended Action:**

Contact Enterasys Technical Support.

## **Warning Messages**

### **%TFTP-W-BAD\_TFTP\_SOURCE\_ADDRESS, TFTP source address 10.136.16.4 specified by the 'system set tftpsource' command could not be bound.**

**Explanation:**

This warning appears when a user configures a TFTP source address using the **system set tftpsource** command and the router is unable to use the address.

**Recommended action:**

If this error occurs, the router will immediately attempt to send data to the TFTP server via the default IP address.

# Chapter 81

## Traceroute Error Messages

This chapter describes the error messages for the Traceroute facility.

### Error Messages

**%TR-E-BADVALUE** invalid value (must be between *<number>* and *<number>*).

**Explanation:**

This message appears when there was a bad entry.

**Recommended Action:**

Enter valid entry between suggested values.

**%TRACEROUTE-E-NOIPv6ADDRESS** This command requires an IPv6 address

**Explanation:**

No IPv6 address was entered on the command.

**Recommended Action:**

Reenter the command with an IPv6 address.

## **%TR-E-NOMEM processing error - insufficient memory**

**Explanation:**

This message appears when system resources are limited.

**Recommended Action:**

Increase system resources with more memory. If problem persists, contact Enterasys Technical Support.

## **%TR-E-UNKWNHOST unknown host '<host\_name>'**

**Explanation:**

This message appears when the hostname could not be resolved.

**Recommended Action:**

Ensure you have a valid hostname and the DNS is working.

# Chapter 82

## Traceroute6 Error Messages

This chapter describes the error messages for the Traceroute6 facility.

### Warning Messages

**%TRACEROUTE6-W-MSG** <*string*>.

**Explanation:**

This message reports a warning about an event that occurred in PING. The actual cause or significance of the message will depend on the specific information contained therein.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

## Error Messages

**%TRACEROUTE6-E-BADVALUE invalid value (must be between <number> and <number>).**

**Explanation:**

An invalid numerical value was entered.

**Recommended Action:**

Enter a value in the correct range.

**%TRACEROUTE6-E-DESTUNREACH destination unreachable.**

**Explanation:**

The host for the traceroute is unreachable.

**Recommended Action:**

Verify input destination. Verify that this is the expected result.

**%TRACEROUTE6-E-MSG <string>, <string>.**

**Explanation:**

An internal error has occurred.

**Recommended Action:**

If the problem persists, contact Enterasys Technical Support.

**%TRACEROUTE6-E-NORTTOHOST no route to host.**

**Explanation:**

There is no route to the host for the traceroute.

**Recommended Action:**

A valid host name must be entered. Verify that there is a route to the host.



# Chapter 83

## Unicast Error Messages

This chapter describes the error messages for the Unicast facility.

### Informational Messages

**%UNICAST-I-NETSPECFIXED Network specification changed to (<IP\_address/mask>).**

**Explanation:**

An IP routing command expected a network IP address as a parameter. The mask was misconfigured by the user and therefore modified so that the command could successfully execute.

**Recommended Action:**

Other messages are also displayed providing more detailed information about the misconfiguration.

## Warning Messages

### **%UNICAST-W-INVNETSPEC Non-masked bits not zero (<IP\_address>).**

**Explanation:**

An IP routing command expected a network IP address as a parameter. The non-masked portion of the IP address was misconfigured (should be all zeros).

**Recommended Action:**

Modify the network IP address parameter.

## Error Messages

### **%UNICAST-E-IFALLNOTFOUND Cannot set all interfaces without adding them with command <ip-router global add interface all>**

**Explanation:**

A routing option was applied to interfaces that do not exist.

**Recommended Action:**

Use the **ip-router global add interface all** command to add the interfaces.

### **%UNICAST-E-IFEXISTS Interface <interface\_name> already exists.**

**Explanation:**

This message appears when you attempt to create a RIP interface which already exists.

**Recommended Action:**

Verify interface name and re-enter command.

### **%UNICAST-E-IFNOTFOUND Interface <interface-name or ip-address> has not been added by command <ip-router global add interface>**

**Explanation:**

A routing option was applied to an interface that does not exist.

**Recommended Action:**

Use the **ip-router global add interface** command to add the interface.

**%UNICAST-E-IFOVFL No more free interfaces max <number> current <number>.****Explanation:**

The number of interfaces that can participate in IP routing has been reached.

**Recommended Action:**

Contact Enterasys Technical Support.

**%UNICAST-E-INVBTENDS Lower limit of mask (<number>) is greater than upper limit (<number>).****Explanation:**

While defining a route filtering policy, the *between* option was misconfigured.

**Recommended Action:**

Reconfigure the lower and upper limits for the *between* option.

**%UNICAST-E-INVBTLOWEND Lower limit of mask (<number>) is mask than specified mask len (<number>).****Explanation:**

While defining a route filtering policy, the *between* option was misconfigured. There is a conflict between the network's mask length and the lower limit defined by *between*.

**Recommended Action:**

Reconfigure the lower limit for the *between* option.

**%UNICAST-E-INVBTWEENOPT Invalid between option.****Explanation:**

While defining a route filtering policy, the *between* option was misconfigured.

**Recommended Action:**

Reconfigure the lower and upper limits for the *between* option.

## **%UNICAST-E-INVCONFIG Gated is waiting for valid configuration.**

**Explanation:**

The current configuration contains invalid commands or is missing required commands that prevented the GateD task from starting.

**Recommended Action:**

Other error messages describe the misconfiguration in more detail.

## **%UNICAST-E-INVMASKLEN Masklen (<number>) specified is greater than 32.**

**Explanation:**

While defining a route filtering policy, the *between* option was misconfigured. There is a conflict between the network's mask length and the range defined by the *between* option.

**Recommended Action:**

Make sure that both the lower and upper limits are numerical values equal or lower than 32.

## **%UNICAST-E-MARTIANEXISTS Martian <martian\_name> already exists.**

**Explanation:**

Duplicate martian addresses have been configured.

**Recommended Action:**

Remove one of the duplicate martians.

## **%UNICAST-E-MARTIANNOTFOUND <name> is not a known martian.**

**Explanation:**

The software component that manages martian addresses has detected an internal error.

**Recommended Action:**

If message displays repeatedly, contact Enterasys Technical Support.

**%UNICAST-E-MARTIANOVFL No more free martians max <number> current <number>.**

**Explanation:**

The maximum number of martian addresses that can be configured has been reached.

**Recommended Action:**

If possible, remove unused martians.

## Fatal Errors

**%UNICAST-F-NOSPAWN Failed to spawn Gated (status <number>).**

**Explanation:**

The Gated task could not be spawned.

**Recommended Action:**

Restart the system. If problem persists, contact Enterasys Technical Support.



# Chapter 84

## VLAN Error Messages

This chapter describes the error messages for the VLAN facility.

### Informational Messages

**%VLAN-I-ADDPORTS Adding ports *<port\_list>* to VLAN *<vlan\_name>*[*<vlan\_id>*]**

**Explanation:**

This message is displayed when the system is in the process of adding the specified ports to the specified VLAN.

**Recommended Action:**

Informational message. No action necessary.

**%VLAN-I-IFMTUCHANGED The MTU of the interface *<interface\_name>* changed to *<MTU>***

**Explanation:**

This message appears when the maximum transmission unit of an interface has changed as a result of adding or removing port(s) from a VLAN.

**Recommended Action:**

Informational message. No action necessary.

**%VLAN-I-MULTIRMPORTS Removing ports <port\_list> from  
<vlan\_name> through <vlan\_name>**

**Explanation:**

This message is displayed when ports are removed from multiple VLANs.

**Recommended Action:**

Informational message. No action necessary.

## Audit Messages

**%VLAN-A-ACCESSCHNG “Port%s%s successfully changed to %s.”**

**Explanation:**

This message appears at the completion of the **vlan add ports** command.

**Recommended Action:**

Security audit message. No action necessary.

**%VLAN-A-ADDSUCCESS “%d %s %s successfully added to VLAN %s”**

**Explanation:**

This message appears at the completion of the **vlan add ports** command.

**Recommended Action:**

Security audit message. No action necessary.

**%VLAN-A-CREATED “VLAN %s created with VLAN ID %d. To add  
ports to the VLAN, use the \”vlan add ports\” command.”**

**Explanation:**

This message appears when a VLAN is created successfully.

**Recommended Action:**

Security audit message. No action necessary.



## **%VLAN-A-L4BDGSTATE “L4-Bridging %s on Vlan %d (%s).”**

**Explanation:**

This message displays the state of the Layer-4 Bridging function with respect to a VLAN.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-MULTIADDPORIS “Adding ports %s to %s through %s”**

**Explanation:**

This message appears when a user adds ports to multiple VLANs.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-MULTICREATED “VLANS %s through %s successfully created. To add ports to multiple VLANS, use \”vlan multi-add ports\” command.”**

**Explanation:**

This message appears when a user creates multiple VLANs.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-MULTIREMOVED “VLANS %s through %s successfully removed”**

**Explanation:**

This message appears when a user removes multiple VLANs.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-MULTIRMPORTS “Removing ports %s from %s through %s”**

**Explanation:**

This message appears when a user removes ports from multiple VLANs.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-REMOVED “VLAN %s successfully removed”**

**Explanation:**

This message appears when a VLAN is negated (removed) successfully.

**Recommended Action:**

Security audit message. No action necessary.

## **%VLAN-A-RMPORTS “Removing ports %s from VLAN %s[%d]”**

**Explanation:**

This message appears when the system is in the process of removing the specified ports from the VLAN indicated.

**Recommended Action:**

Security audit message. No action necessary.

## **Warning Messages**

### **%VLAN-W-ADDFailure <number\_of\_ports> <port\_list> could not be added to VLAN <vlan\_name>**

**Explanation:**

This message is displayed when the specified ports could not be added to the VLAN. This could happen if they already belong to another VLAN and are access ports.

**Recommended Action:**

Check to see if the ports belong to another VLAN.

**%VLAN-W-APS\_PROTECTINGPORT <1> Some ports (%s) could not be added because they are configured as APS Protecting Ports****Explanation:**

This message is displayed when an attempt is made to add ports which are functioning as protecting ports to a VLAN that does not contain the working port.

**Recommended Action:**

Do not add an APS protecting port to any VLAN. It will implicitly be added to all the VLANs to which the corresponding APS working port belongs.

**%VLAN-W-IFSETMTU The interface <interface\_name> MTU could not be changed successfully as a result of adding port(s) to the VLAN <vlan\_name> (<function>)****Explanation:**

This message appears when the maximum transmission unit of an interface could not be changed when adding ports to the VLAN.

**Recommended Action:**

Please review the associated port and interface vlan members configuration. Verify the MTU sizes configured by the **port set <port-list> mtu** and **interface create ip <interface name> mtu** to ensure the selections are correct.

**%VLAN-W-MULTIADDFAILURE Failure to add <port\_list> to <vlan\_name>****Explanation:**

This message is displayed when ports are unable to be added to the VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

**%VLAN-W-NATCONFIGURED <1> Some ports (%s) could not be added because NAT is configured on the interface connected to this vlan and the line cards do not support the NAT feature. Please upgrade the line cards**

**Explanation:**

Network Address Translation (NAT) is not supported on all line cards. This message is displayed when ports on a line card which does not support NAT are being added to a vlan which requires them to support NAT.

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

**%VLAN-W-NOHWSUPPORT <2> Some ports (%s) could not be added because the modules do not support %s**

**Explanation:**

This message is displayed when an attempt is made to add ports belonging to a line card to a VLAN which requires a specific functionality which is not supported by the line card. (For example, L4 Bridging).

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

**%VLAN-W-WAN\_NEGATE\_FAILED vlan add negation failed on wan card**

**Explanation:**

Ports on a WAN module could not be removed from a VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

## Error Messages

**%VLAN-E-ADDFailure <number> port(s) <port\_list> could not be added to VLAN <VLAN\_name>**

**Explanation:**

This message is displayed when none of the specified ports could be added to the given VLAN. This usually occurs when the user tries to assign access ports to a VLAN which are already part of another VLAN.

**Recommended Action:**

Remove the desired ports from the VLAN to which they are currently assigned, then reassign them to the new VLAN.

**%VLAN-E-ALIASATTACHED, The VLAN '<name>' has an associated SNMP ifAlias. The ifAlias must be removed before removing the VLAN.**

**Explanation:**

This error will occur if you attempt to negate a **vlan create** command for an interface that has been assigned an alias via the **snmp set if-alias** command.

**Recommended Action:**

Negate the **snmp set if-alias** command before negating the **vlan create** command.

**%VLAN-E-APS\_PROTECTINGPORT Some ports (%s) could not be added because they are configured as APS Protecting Ports**

**Explanation:**

This message is displayed when an attempt is made to add ports which are functioning as protecting ports to a VLAN that does not contain the working port.

**Recommended Action:**

Do not add an APS protecting port to any VLAN. It will implicitly be added to all the VLANs to which the corresponding APS working port belongs.

**%VLAN-E-ATMBADMUX VLAN contains an ATM VC port with encap type of vc-mux. Only one protocol can be associated with this type of port.**

**Explanation:**

An ATM VC with encap type vc-mux sends no protocol information over the wire. Because the protocol is determined from the VC, only IP or IPX can be configured over a vlan or port that contains an ATM VC in vc-mux encap mode. This error appears when you attempt to add a port with encap type of vc-mux to a vlan that has both IP and IPX interfaces configured.

**Recommended Action:**

See that only one protocol is associated with this type of port.

**%VLAN-E-BADNAME\_L3VLAN Only VLANs created implicitly by the system may begin with "SYS\_". Please select another name.**

**Explanation:**

This message is displayed when a user chose a name that began with "SYS\_". Names beginning with "SYS\_" are reserved.

**Recommended Action:**

Select another name.

**%VLAN-E-BADNAME\_RSVD The VLAN name <vlan\_name> conflicts with a reserved name. Please select another name.**

**Explanation:**

VLAN names beginning with "SYS\_" are reserved, as are other names such as "Default".

**Recommended Action:**

Use a different name for the VLAN.

**%VLAN-E-BADNAME\_TOOBIG The VLAN name cannot exceed 32 characters. Please select another name.**

**Explanation:**

This message is displayed when the VLAN name exceeds 32 characters.

**Recommended Action:**

Select another name which does not exceed 32 characters.

**%VLAN-E-BADNAME\_VLAN\_ALNUM VLAN names must begin with an alphanumeric character. Please select another name.**

**Explanation:**

This message is displayed when the user is trying to create a VLAN with a name that begins with a non- alphanumeric character, such as an underscore. This is not allowed.

**Recommended Action:**

Use a VLAN name which begins with an alphanumeric character (A-Z, a-z, 0-9).

**%VLAN-E-BADNAME\_WS The VLAN name must have at least 1 non-whitespace character. Please select another name.**

**Explanation:**

This message is displayed when the user is trying to name a VLAN with a name that consists only of tabs and spaces. This is not allowed.

**Recommended Action:**

Use a name which has alphanumeric characters.

**%VLAN-E-BOUND <vlan\_name> is bound to a layer 3 (IP/IPX) interface. Please delete the interface first.**

**Explanation:**

This message is displayed when the user is trying to delete a VLAN which is bound to an IP or IPX interface. The interface must be deleted first, before the VLAN can be deleted.

**Recommended Action:**

Delete all layer 3 interfaces to which this VLAN is bound. Then the VLAN can be deleted.

**%VLAN-E-CMDNOTAPPLY Make port trunk/access port command does not apply to T1/T3 card**

**Explanation:**

This message is displayed when the user specifies a WAN (HSSI or Serial) port is to be a trunk or access port.

**Recommended Action:**

WAN (HSSI/Serial) ports cannot be made trunk or access ports.

**%VLAN-E-DFLTSTPCFLCT One or more ports being added have default stp enabled on them and this conflicts with the pvst instance on the vlan**

**Explanation:**

This message appears when ports with default STP enabled are being added to a VLAN with a PVST instance.

**Recommended Action:**

Do not add ports with STP enabled to a VLAN with a PVST instance.

**%VLAN-E-DUPNAME <vlan\_name> already exists. Please use another name.**

**Explanation:**

This message is displayed when the user is trying to create a VLAN with the same name as a VLAN which has already been created.

**Recommended Action:**

Use a different name for the VLAN being created.

**%VLAN-E-DUPVID VLAN ID <id\_number> already exists. Please use a different VLAN ID.**

**Explanation:**

This message is displayed when the user is trying to create a VLAN with a VLAN ID that is already being used by another VLAN.

**Recommended Action:**

Use another VLAN ID for the VLAN being created.

**%VLAN-E-FORBIDDEN Port(s) ‘<port\_list>’ can not be added to vlan ‘<vlan\_name>’ as they are forbidden from being added to the vlan**

**Explanation:**

This message appears when an attempt is made to add ports to the VLAN that are forbidden from being added to the VLAN.

**Recommended Action:**

Remove the port(s) from the VLAN forbid command and then add the ports to the VLAN.



**%VLAN-E-FORBIDDEN\_LIST Vlan '<vlan\_name>' contains list of forbidden ports. Please remove them before removing the vlan.**

**Explanation:**

This message appears when an attempt is made to delete a VLAN that contains forbidden ports.

**Recommended Action:**

Negate the VLAN forbid command and try removing the VLAN again.

**%VLAN-E-GVRP\_VLAN Vlan <vlan\_name> is dynamically created via GVRP and ports can not be added to it statically.**

**Explanation:**

This message appears when you add ports to a VLAN created by GVRP.

**Recommended Action:**

VLANs created dynamically by GVRP cannot have ports statically added to them.

**%VLAN-E-IGMPENABLED, IGMP snooping is enable on VLAN '<vlan name>'. The 'igmp enable vlan <vlan name>' command must be removed before removing the VLAN.**

**Explanation:**

This message appears when a user attempts to negate a **vlan create** or **vlan multi-create** command for a VLAN that has IGMP snooping enabled via the **igmp enable vlan** command.

**Recommended Action:**

Negate the **igmp enable vlan** command associated with the VLAN before negating the **vlan create** or **vlan multi-create** command.

**%VLAN-E-L4ACLAPPLIED L4-bridging could not be removed from VLAN <vlan\_name> because one or more of its ports has an ACL applied. Please remove all applied ACLs before removing L4-bridging.**

**Explanation:**

A user applied an ACL to a port inside a VLAN where an attempt was made to remove Layer-4 bridging. Layer-2 ACLs require L4-bridging in order to operate.

**Recommended Action:**

Remove all applied ACLs from any ports within the VLAN or leave Layer-4 bridging enabled.

### **%VLAN-E-L4BDGCONFIGERR Non-IP/IPX traffic not supported for L4-Bridging - Vlan <vlan-id>**

**Explanation:**

Non-IP/IPX traffic is currently permitted for the specified VLAN. Only IP/IPX traffic is allowed on a VLAN for which Layer 4 bridging is enabled.

**Recommended Action:**

Reconfigure the VLAN for IP-only, IPX-only or IP/IPX-only.

### **%VLAN-E-L4BDGNOTALLOW L4 Bridging not supported by Module <string> in slot <number>**

**Explanation:**

The specified module does not provide Layer 4 bridging capability. This message is displayed when ports on a line card which does not support L4 Bridging are being added to a vlan which has been configured as an L4 Bridging VLAN.

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

### **%VLAN-E-L4BDGONVLAN Disable L4-Bridging on Vlan %d (%s) before removing VLAN.**

**Explanation:**

This message is displayed when an attempt is made to delete a VLAN which has L4 Bridging configured on it.

**Recommended Action:**

L4 Bridging must first be disabled on the VLAN which is to be deleted. Once this is done, the VLAN can be safely deleted.

### **%VLAN-E-MCVLANENCAP Port(s) cannot be changed from a trunk-port to an access-port because mc-vlan-encap is still applied.**

**Explanation:**

This message is displayed when you attempt to change an 802.1Q trunk port to an access port with **mc-vlan-encap** configured.

**Recommended Action:**

Remove **mc-vlan-encap** from the port before changing it to an access port.

**%VLAN-E-MEMBERS Port(s) ‘<port\_list>’ are already members of vlan ‘<vlan\_name>’ and can not be forbidden from being added to the vlan**

**Explanation:**

This message appears when an attempt is made to forbid ports from a VLAN that are already members of the VLAN.

**Recommended Action:**

Remove the ports from the VLAN and then execute the VLAN forbid command again.

**%VLAN-E-MULTI\_NOT\_REMOVED Failure to remove <num> VLANs**

**Explanation:**

This message is displayed when multiple VLANs cannot be removed.

**Recommended Action:**

VLANs with ports cannot be removed. Make sure all ports are removed from all of the VLANs and try again.

**%VLAN-E-MULTIADDFAILURE Failure to add <port\_list> to <vlan\_name>**

**Explanation:**

This message is displayed when ports cannot be added to multiple VLANs.

**Recommended Action:**

Contact Enterasys Technical Support.

**%VLAN-E-NATCONFIGURED Some ports (%s) could not be added because NAT is configured on the interface connected to this vlan and the line cards do not support the NAT feature. Please upgrade the line cards**

**Explanation:**

Network Address Translation (NAT) is not supported on all line cards. This message displays when ports on a line card which does not support NAT are being added to a VLAN that requires them to support NAT.

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

**%VLAN-E-NOACCESSCHNG Port <port\_number> could not be changed from a trunk port to an access port. Please remove the port from all VLANs before retrying this command.**

**Explanation:**

An access port can belong to at most one VLAN per protocol type (IP/IPX/bridged-protocol). A trunk port may belong to any number of VLANs. When changing a port from a trunk port to an access port, if the trunk port belongs to too many VLANs, this message is displayed.

**Recommended Action:**

Remove the port from all VLANs before being converting it to an access port. Then it can be added to the desired VLAN(s).

**%VLAN-E-NOACCESSCHNG2 Some SmartTRUNKs (%s) cannot be changed to/from trunk mode. Please remove them from all VLANs before retrying this command.**

**Explanation:**

A SmartTRUNK's access type cannot be changed when it is a member of any VLAN other than the default VLAN.

**Recommended Action:**

Remove the port from all configured VLANs before entering or negating the **vlan make trunk-port <ports>** command.

**%VLAN-E-NOCREATE Failed to create VLAN <vlan\_name>.**

**Explanation:**

An internal error occurred while creating a VLAN.

**Recommended Action:**

Contact Enterasys Technical Support.

**%VLAN-E-NOHWSUPPORT** Some ports (%s) could not be added because the line cards do not support the protocols defined over this vlan. Please upgrade the line cards.

**Explanation:**

Network Address Translation (NAT) is not supported on all line cards. This message is displayed when ports on a line card which does not support NAT are being added to a vlan which requires them to support NAT.

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

**%VLAN-E-NOMEM** Command failed because system has run out of memory.

**Explanation:**

This message is displayed when the X-Pedition router has run out of free memory.

**Recommended Action:**

Add more memory to the X-Pedition Control Module.

**%VLAN-E-NOMLTPL** One or more ports being added do not support IPX multiple encap, defined on the attached interface.

**Explanation:**

Multiple IPX encapsulations are not supported on all line cards. This message is displayed when ports on a line card that does not support multiple IPX encapsulations are being added to a vlan which requires them to support multiple IPX encapsulations.

**Recommended Action:**

Contact Enterasys Technical Support to upgrade the line card.

**%VLAN-E-NOMULTICREATE** Failure to create VLAN <vlan\_name>

**Explanation:**

This message is displayed when multiple VLANs cannot be created.

**Recommended Action:**

Contact Enterasys Technical Support.

**%VLAN-E-NOREMOVE VLAN <vlan\_name> cannot be removed because it contains ports. Please remove all ports in this VLAN before removing the VLAN.**

**Explanation:**

A VLAN must have all ports removed from it before the VLAN can be removed.

**Recommended Action:**

Negate all commands which add ports to the VLAN before negating the VLAN.

**%VLAN-E-NOREMOVEFROMDEFAULTVLAN Ports cannot be removed from the default VLAN.**

**Explanation:**

This error message is displayed when the user attempts to remove a port from the default VLAN when the port does not belong to any other VLAN.

**Recommended Action:**

Do not attempt to remove a port from the default VLAN if it does not belong to any other VLAN.

**%VLAN-E-NOSUCHVLAN VLAN '<vlan\_name>' does not exist**

**Explanation:**

This message is displayed when the user is trying to remove a VLAN which does not exist.

**Recommended Action:**

Check the VLAN name and try again.

**%VLAN-E-NOT\_REMOVED <vlan\_name> could not be removed.**

**Explanation:**

This message is displayed when the user is trying to delete a reserved VLAN, or a VLAN which does not exist.

**Recommended Action:**

Check the name of the VLAN; do not try to remove reserved VLANs.

**%VLAN-E-NOTATRUNKPORT Port <port> must be a trunk to be added to more than one VLAN**

**Explanation:**

This message is displayed when you try to add an access port to multiple VLANs.

**Recommended Action:**

Make the port a trunk port and execute the command again.

**%VLAN-E-PORTACLAPPLIED Port(s) cannot be removed from VLAN <vlan\_name> because one or more ACLs are applied. Please remove all applied ACLs before removing port(s).**

**Explanation:**

The port a user is attempting to remove from a VLAN has an ACL applied to it. Layer-2 ACLs require that the port is a member of a Layer-4 bridged VLAN to operate.

**Recommended Action:**

Remove all applied ACLs from the port or leave it as a member of the VLAN.

**%VLAN-E-PORTNOTADDED, The port was not added to the vlan because it's MTU is too low for the interface assigned to that vlan.**

**Explanation:**

This error message appears when a user attempts to add a port to a VLAN that belongs to an interface and the port's MTU is less than what the interface allows.

**Recommended Action:**

Increase the port MTU using the **port set** command or remove the interface to which the VLAN belongs. Interfaces require that port(s) assigned to them have an MTU greater than 94—on their own, MTU's can be as low as 64.

**%VLAN-E-PVID Port(s) <port-list> cannot set PVID to vlan <vlan name>, port(s) have not been added to the vlan**

**Explanation:**

This message appears when the user has not added port(s) to the VLAN with the **vlan add ports** command.

**Recommended Action:**

Add the port to the VLAN using the **vlan add ports** command.

**%VLAN-E-PVID\_PORTS Vlan <vlan name> is reference by a vlan default-vlan ports command. Please remove before removing the vlan.**

**Explanation:**

This message appears when a user attempts to negate a **vlan create** command for which a **vlan default-vlan ports** command exists.

**Recommended Action:**

Remove the **vlan default-vlan ports** command.

**%VLAN-E-PVSTEXSTS PVST instance exists on this vlan. Please negate the PVST instance before deleting the vlan.**

**Explanation:**

This message is displayed when an attempt is made to delete a VLAN which has Per-VLAN Spanning Tree (PVST) configured on it.

**Recommended Action:**

PVST must first be disabled on the VLAN which is to be deleted. Once this is done, the VLAN can be safely deleted.

**%VLAN-E-PVSTENBLD PVST is enabled on some ports in %s, please disable pvst first**

**Explanation:**

Ports cannot be removed from a VLAN without first disabling PVST on them.

**Recommended Action:**

Disable PVST on the ports to be removed from the VLAN, and then remove the ports from the VLAN.



**%VLAN-E-RATELIMITVLAN, Rate Limit Policy is applied to VLAN '<vlan name>'. The 'rate-limit <policy name> vlan <vlan name>' command should be removed first.**

**Explanation:**

This error occurs when a user attempts to negate a VLAN command such as **vlan create**, **vlan multi-create**, or **vlan enable l4-bridging** when a rate-limit policy is defined for that VLAN via the **rate-limit <policy name> vlan <vlan name>** command.

**Recommended Action:**

Negate the **rate-limit <policy name> vlan <vlan name>** command for the VLAN before negating the VLAN commands.

**%VLAN-E-STARTID\_TOOBIG The start ID must be smaller than the end ID**

**Explanation:**

This message is displayed when multiple VLANs are being created and the start ID is greater than or equal to the end ID.

**Recommended Action:**

Make sure the start ID is less than the end ID and execute the command again.

**%VLAN-E-STNOTFOUND SmartTRUNK st.<number> not found.**

**Explanation:**

This message is displayed when the SmartTRUNK specified does not exist.

**Recommended Action:**

Verify SmartTRUNK.

**%VLAN-E-UNTAGGED Port(s) <port-list> cannot be set untagged on vlan <vlan-name>, not an egress port or port is part of a link group.**

**Explanation:**

This message appears when a user has not added the port(s) to the VLAN or if the port is part of a SmartTRUNK.

**Recommended Action:**

Verify that the ports specified are correct and, if necessary, add the port to the VLAN using the **vlan add ports** command.

**%VLAN-E-UNTAGGED\_PORTS Vlan <vlan name> has configured untagged ports(s). Please remove them before removing the vlan.**

**Explanation:**

This message appears when a user attempts to negate a **vlan create** command for which a **vlan untagged ports** command exists.

**Recommended Action:**

Remove the **vlan untagged ports** command.

# Chapter 85

## IP Redundancy (VRRP) Error Messages

This chapter describes the error messages for the IP Redundancy (VRRP) facility.

### Informational Messages

**%IPRED-I-ADJUST\_WARMUP reset warm-up period for virtual router <id\_number> on interface <interface\_name> (<warmup\_period> secs remaining)**

**Explanation:**

This message appears when the warm-up period for a Virtual Router defined on an interface is changed.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-CONFIGUPDATE updated config for virtual router  
<id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when the Virtual Router configuration on an interface has changed.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-START\_WARMUP virtual router <id\_number> on interface  
<interface\_name> will start once the warm-up period expires  
(<warmup\_period> secs remaining)**

**Explanation:**

This message appears when a Virtual Router defined on an interface comes up. It indicates the warm-up period has started.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-STATE <event>, <old\_state>-><new\_state>, I/F <Interface  
name>, vrid <router ID>**

**Explanation:**

This message appears for the following events: Startup (Startup), Shutdwn (Shutdown), Adv Tmr (Advertise Timer), Mas Dwn (Master down timer), Rcv ZPP (Received zero priority packet), Rcv EPP (Received equal priority packet), Rcv HPP (Received higher priority packet), Rcv LPP (Received lower priority packet), and Int Dwn (Interface Down). Old\_state/new\_state can be M (Master), B (Backup), or I (Initialize).

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_CREATED successful creation of virtual-router  
<id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when a Virtual Router has been successfully added on an interface.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_IPADDED added IP address <IP\_address> to virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when an IP address has been added to a Virtual Router defined on an interface.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_IPREMOVED removed IP address <IP\_address> from virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when an IP address has been removed from a Virtual Router defined on an interface.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_REMOVE\_DONE successful shutdown and deletion of virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when deletion of a Virtual Router from an interface has succeeded.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_STARTED started virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when a Virtual Router has been initialized on an interface.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-VR\_STOPPED stopped virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when a Virtual Router has been halted on an interface.

**Recommended Action:**

Informational message. No action necessary.

**%IPRED-I-WARMUP warm-up period expired for <protocol> virtual router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when the warm-up period has expired for a Virtual Router defined on an interface.

**Recommended Action:**

Informational message. No action necessary.

## Warning Messages

**%IPRED-W-INVALID\_EVENT received invalid event (VRRP state=<state name> event=<event name> interface=<name> vrId=<ID number> code=<ID>)**

**Explanation:**

This message appears when a Virtual Router receives one of the following unrecognized events: Startup (Startup), Shudwn (Shutdown), Adv Tmr (Advertise Timer), Mas Dwn (Master down timer), Rcv ZPP (Received zero priority packet), Rcv EPP (Received equal priority packet), Rcv HPP (Received higher priority packet), Rcv LPP (Received lower priority packet), and Int Dwn (Interface Down). State can be M (Master), B (Backup), or I (Initialize).

**Recommended Action:**

No action necessary.

**%IPRED-W-L2\_FULL, Creating virtual-router <number> on interface <name> may cause the L2 table on a Q-Trunk to overflow, impacting system performance. Please consider changing the hash mode of any Q-Trunk in address-bridging mode to Mode <number>**

**Explanation:**

This message appears when multiple virtual routers defined on the same port(s) may potentially hash to the same L2 table index.

**Recommended action:**

Modify the hash mode on all trunk-ports in the interface to the value suggested using the **port set hash-mode** command. If this message appeared previously but suggested a different hash mode, you are STRONGLY advised to move the interface to a different virtual-router, as the current VRRP configuration can significantly degrade system performance.

**%IPRED-W-MSG\_RX IPRED queue received unrecognized message <ID>**

**Explanation:**

This message appears when receiving an unrecognized message from the IP RED task queue.

**Recommended Action:**

No action necessary.

**%IPRED-W-MSG\_TX send message to IPRED queue failed (<function name> - <ID>)**

**Explanation:**

This message appears when the sending of a message to the IP RED task queue fails.

**Recommended Action:**

No action necessary.

**%IPRED-W-TMR\_MISSING timer expired - info not found (<name> - <ID>)**

**Explanation:**

This message usually displays when a VRRP state transitions and can be ignored. However, if it displays repeatedly, follow the recommended action below.

**Recommended Action:**

Stop the currently configured VRRP Virtual Routers (negate the **vrrp start** CLI commands), and then re-start them.

## Error Messages

**%IPRED-E-ADDRMASK invalid subnet (interface <interface\_name>, virtual-router <id\_number>)**

**Explanation:**

This error message appears when the mask given to an IP address associated with a Virtual Router is invalid.

**Recommended Action:**

Correct the network mask and re-execute the CLI command.

**%IPRED-E-AUTHKEY a key is required for the type of authorization selected (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This error message appears when a Virtual Router has been configured to one of several authorization types that require a key. However, the “key” parameter/option is missing.

**Recommended Action:**

Ensure that you have properly configured a “key” for the Virtual Router referred to in the error message.



**%IPRED-E-BAD\_AF interface <interface\_name> is not an IP interface**

**Explanation:**

The message appears when the interface added to a Virtual Router is not an IP interface.

**Recommended Action:**

Verify interface is an IP interface.

**%IPRED-E-CONFIGCMD remove config parameters currently applied to virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when the user attempts to remove a Virtual Router from the system. However, CLI commands referring to (or dependent upon) the existence of the Virtual Router in question still exist.

**Recommended Action:**

Remove all CLI commands that refer to this Virtual Router.

**%IPRED-E-DUPL\_CFG <parameter name> parameter already configured - ignoring (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This message appears when the same parameter is configured more than once with conflicting values.

**Recommended Action:**

Be sure to remove any extra configuration CLI commands.

**%IPRED-E-DUPLICATE virtual-router <id\_number> already exists on interface <interface\_name>**

**Explanation:**

This message appears when a Virtual Router has been applied to an interface and a Virtual Router already exists on the specified interface.

**Recommended Action:**

Verify the Virtual Router configuration.

## **%IPRED-E-EN0 en0 is not a valid interface**

**Explanation:**

This message appears when en0 is added to a Virtual Router. en0 is not a valid interface.

**Recommended Action:**

Do not specify en0 as a Virtual Router interface.

## **%IPRED-E-GET\_SEMA4 failed acquiring sema4 (retCode <number>)**

**Explanation:**

This message appears when there is an internal error acquiring a semaphore.

**Recommended Action:**

Contact Enterasys Technical Support.

## **%IPRED-E-IF\_MISMATCH IP address <IP\_address> is currently in use by interface <interface\_name>**

**Explanation:**

This message appears when an address is associated with a Virtual Router. However, the IP address is currently in use on the X-Pedition router on a different interface from the one where the Virtual Router has been configured.

**Recommended Action:**

Verify that the Virtual Router configuration is correct.

## **%IPRED-E-IOCTL ioctl operation failed (<function>)**

**Explanation:**

This message appears when an internal I/O control procedure failed in the specified function.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-KEYLEN invalid key length (<number>). Maximum length = 8 characters (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This message appears when the user attempts to configure an authorization key with an illegal length.

**Recommended Action:**

Redefine the length of the authorization key, ensuring that the value is within the guideline specified in the error message text.

**%IPRED-E-MALLOC malloc failed (<function>)**

**Explanation:**

Error encountered while allocating memory in the specified function.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-MANY\_IPADDRS remove associated IP addresses before removing virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This error message appears when the user attempts to remove a Virtual Router from the system that still has IP addresses associated with it.

**Recommended Action:**

Be sure to remove all of the associated IP addresses before removing the Virtual Router.

**%IPRED-E-MISCONFIG at least 1 option to configure is required**

**Explanation:**

This error message appears when the user attempts to select a Virtual Router to which a number of options are to be applied. However, at this time, no options are defined for the Virtual Router.

**Recommended Action:**

Verify the Virtual Router configuration.

**%IPRED-E-NETMASK invalid netmask (interface <interface\_name>, virtual-router <id\_number>)**

**Explanation:**

This error message appears when the mask given to an IP address associated with a Virtual Router is invalid.

**Recommended Action:**

Correct the network mask and re-execute the CLI command.

**%IPRED-E-NO\_MCAST interface <name> does not support IP multicasts**

**Explanation:**

This error message appears when the user attempts to create a Virtual Router on an interface that does not support multicast IP addresses.

**Recommended Action:**

Select a valid interface for the Virtual Router.

**%IPRED-E-NOADDRS at least 1 associated IP address is required (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This error message appears when the user attempts to start a Virtual Router without having first associated an IP address with the Virtual Router.

**Recommended Action:**

Be sure to associate an IP address with the Virtual Router before attempting to restart it.

**%IPRED-E-NOSOCKET socket operation failed**

**Explanation:**

This message appears when there is an internal error creating a socket.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-NOSUCHIF invalid interface <interface\_name>**

**Explanation:**

This message appears when an invalid interface has been added to a Virtual Router.

**Recommended Action:**

Verify that the interface is valid.

**%IPRED-E-NOSUCHIP IP address not found (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This message appears when an invalid IP address has been added to a Virtual Router.

**Recommended Action:**

Verify the IP address is valid.

**%IPRED-E-NOSUCHVR virtual router <id\_number> not found on interface <interface\_name>**

**Explanation:**

This message appears when the user attempts to configure an option for a Virtual Router that has not yet been created.

**Recommended Action:**

Configure a Virtual Router before attempting to assign any options to it.

**%IPRED-E-OWNER virtual-router <id\_number> on interface <interface\_name> has to be the address owner of ALL or NONE of the associated IP addresses. The following IP addresses cause a conflict: <IP address>**

**Explanation:**

This message appears when multiple IP addresses have been associated with a Virtual Router.

**Recommended Action:**

Remove the IP address that causes a conflict.

**Note:** The IP addresses assigned to a Virtual Router must either all match the IP addresses of the interface where the Virtual Router has been configured, or must all be different from the interface IP address.

**%IPRED-E-PRIORITY invalid priority assigned to virtual-router  
<id\_number> on interface <interface\_name> <explanation>**

**Explanation:**

This message appears when a Virtual Router priority has been configured incorrectly.

**Recommended Action:**

Reconfigure the priority as stated in the “explanation” portion of the message text.

**%IPRED-E-RCVFROM rcvfrom() failed with errno <number>**

**Explanation:**

Internal error receiving VRRP packet.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-REL\_SEMA4 failed releasing sema4 (retCode <number>)**

**Explanation:**

This message appears when there is an internal error releasing a semaphore.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-RXD\_VRRP\_PKT <explanation>**

**Explanation:**

This message appears when a VRRP packet with conflicting information is received.

**Recommended Action:**

The “explanation” portion of the message text describes what portion of the received packet is incorrect. It may also display the IP address of the router responsible for generating the invalid/conflicting VRRP packets. Ensure that the local and remote routers both have an identical configuration for the Virtual Router.

**%IPRED-E-SEND\_ARP sending ARP packet failed (interface <interface\_name>; virtual-router <id\_number>)**

**Explanation:**

This message appears when the virtual-router interface fails to send an ARP to it's associated IP addresses.

**Recommended Action:**

Contact Enterasys Technical Support.

**%IPRED-E-SEND\_VRRP detected interface down**

**Explanation:**

This message appears when the X-Pedition router attempts to transmit a VRRP packet on an interface which is not currently “up.”

**Recommended Action:**

Verify that the interface is “up” before attempting to resend the VRRP packet.

**%IPRED-E-SETSOCK setsockopt() operation failed (<operation>)**

**Explanation:**

An internal error occurred while configuring VRRP interfaces.

This message appears when there is an internal error setting a socket option.

**Recommended Action:**

Ensure that all interface names in relevant “ip-redundancy” commands are spelled correctly.

**%IPRED-E-STARTCMD remove 'start' command currently applied to virtual-router <id\_number> on interface <interface\_name>**

**Explanation:**

This message appears when the user attempts to remove a Virtual Router. However, a CLI **start** command referring to the Virtual Router about to be removed still exists.

**Recommended Action:**

Be sure to remove the CLI **start** command in question before removing the Virtual Router.

## **%IPRED-E-TIMER timer creation failed (<function> - retCode <number>)**

**Explanation:**

This message appears when there is an internal error creating a timer in the specified function.

**Recommended Action:**

Contact Enterasys Technical Support.

## **Fatal Messages**

### **%IPRED-F-CREATE\_QUE failed creating queue (retCode <number>)**

**Explanation:**

This message appears when there is an internal error creating the queue on which to receive messages.

**Recommended Action:**

Contact Enterasys Technical Support.

### **%IPRED-F-CREATE\_SEMA4 failed creating sema4 (retCode <number>)**

**Explanation:**

Internal error creating semaphore to protect internal data structures.

**Recommended Action:**

Contact Enterasys Technical Support.



# Chapter 86

## WAN Error Messages

This chapter describes the error messages for the WAN facility.

### Error Messages

**%WAN-E-MSG, WAN module 4: - SERIAL-CLI\_FRCHGACC, cli:  
Cannot change to non-trunk access type for DLCI 100 in wan port 1, slot 4  
as it belongs to more than one VLAN. Remove DLCI from VLAN's first.**

**Description:**

This error occurs when a user attempts to change a frame relay trunk DLCI to an access DLCI, but the DLCI still belongs to multiple VLANs. A DLCI that is an access port may belong to only one VLAN.

**Recommended Action:**

Remove the DLCI from all but one VLAN.

**%WAN-E-MSG, WAN module 4: - SERIAL-CLI\_MLPPPCHGACC, cli:  
Cannot change to non-trunk access type for Multilink PPP bundle mp.1 in  
slot 4 as it belongs to more than one VLAN. Remove bundle from VLAN's  
first.**

**Description:**

This error occurs when a user attempts to change a trunk bundle to an access bundle, but the multilink bundle still belongs to multiple VLANs. A multilink bundle that is an access bundle, can only belong to one vlan.

**Recommended Action:**

Remove the bundle from all but one VLAN.

**%WAN-E-MSG, WAN module 4: - SERIAL-CLI\_PPPCHGACC, cli:  
Cannot change to non-trunk access type for wan port 1 in slot 4 as it belongs  
to more than one VLAN. Remove port from VLAN's first.**

**Description:**

This error occurs when a user attempts to change a PPP port that has been designated a trunk port to an access port, but the port still belongs to multiple VLANs. Access ports can only belong to one vlan.

**Recommended Action:**

Remove the port from all but one VLAN.

# Chapter 87

## Web Cache Error Messages

This chapter describes the error messages for the web cache facility.

### Informational Messages

**%WC-I-BYPASS\_LIST** Bypass list *<list>* for web caching *<name>*

**Explanation:**

Hosts for which HTTP requests are not redirected for the caching policy.

**Recommended Action:**

Informational message. No action necessary.

**%WC-I-CREATED** Server group '*<cache-name>*' has been successfully created in web-cache '*<server-list-name>*'

**Explanation:**

The cache group has been created.

**Recommended Action:**

Informational message. No action necessary.

**%WC-I-DELETED Server group '<server-list-name>' has been successfully removed from web-cache '<cache-name>'**

**Explanation:**

The cache group has been deleted.

**Recommended Action:**

Informational message. No action necessary.

**%WC-I-INTERFACE Policy <name> has been successfully attached to/attached from <interface> interface**

**Explanation:**

The caching policy has been applied to the specified interface.

**Recommended Action:**

Informational message. No action necessary.

**%WC-I-STATUS\_CHANGE Server '#.#.#' status change—Server Application Up”**

**Explanation:**

The router is receiving a response to TCP requests for this application.

**Recommended Action:**

Informational message only, no action necessary.

**%WC-I-STATUS\_CHANGE Server '#.#.#' status change—Server Application Down”**

**Explanation:**

The router is not receiving a response to TCP requests for this application.

**Recommended Action:**

Verify the status of the server's caching software.

## **%WC-I-USER\_LIST User list <list> for web caching <name>**

**Explanation:**

List of clients for the web caching policy.

**Recommended Action:**

Informational message. No action necessary.

## **Warning Messages**

### **%WC-W-OPT\_IGNORED Application Check <option> setting is ignored while application checking is disabled**

**Explanation:**

This warning appears when a user adds either application checking option (i.e., “Interval” or “Attempts”) to the active configuration for a server-list that already has the “no-application-check” option set.

**Recommended Action:**

Informational message only, no action necessary.

### **%WC-W-OPTS\_IGNORED Application Check settings are ignored while application checking is disabled**

**Explanation:**

This warning appears when a user sets the “no-application-check” option and there are existing application check options set in the active configuration file.

**Recommended Action:**

Informational message only, no action necessary.

## Error Messages

### **%WC-E-ACLNOTFOUND Rule *<acl>* not present**

**Explanation:**

The specified ACL is not found.

**Recommended Action:**

Check the ACL name and make sure it exists.

### **%WC-E-APPLIED Policy has other commands attached -- negate these commands first**

**Explanation:**

The policy that is being negated has other commands applied to it. This policy cannot be deleted before the other applied commands.

**Recommended Action:**

Negate the other commands that are applied to this policy before deleting this policy.

### **%WC-E-APPLIEDSL Web-cache '*<cache-name>*' server group '*<server-list-name>*' has other commands attached -- negate these commands first"**

**Explanation:**

This error is similar to %WC-E-APPLIED, with one exception. This error applies to a specific server list in a web cache—not to the entire web cache.

**Recommended Action:**

To negate the command identified by this error, you must first negate all other commands used to set options for this server list.

**%WC-E-ALREADY\_SET Web-cache feature <option> is already <off|set> for server group ‘<server-list-name>’****Explanation:**

This error appears when a user adds any of the following web-cache options to the configuration after the option is already present for the server list.

- application checking
- ping check interval
- ping check attempts
- application check interval
- application check attempts

**Recommended Action:**

Set each checking option only once per server list.

**%WC-E-EXCEEDED Total number of servers specified <number> exceeded maximum capacity <maximum>****Explanation:**

The number of servers specified exceeds the maximum allowed (128).

**Recommended Action:**

A maximum of 128 servers can be part of a cache group. Make sure that there are no more than 128 servers specified for the cache group.

**%WC-E-IFAPPLIED Interface <name> has a cache applied -- cannot apply multiple cache blocks to an interface****Explanation:**

A caching policy is already applied to the specified interface.

**Recommended Action:**

Compare the applied caching policy with the new policy. To apply the new policy to the interface, first delete the already-applied policy from the interface.

## **%WC-E-INCORRECT\_LIST IP list specified is invalid**

**Explanation:**

The list of IP addresses is specified in an incorrect format.

**Recommended Action:**

Specify the IP address list in the format “ip-addr1... ip-addr4”.

## **%WC-E-INCORRECT\_RANGE IP range specified should have only 2 elements “start IP address end IP address”**

**Explanation:**

The range of IP addresses is specified in an incorrect format.

**Recommended Action:**

Specify the IP address range in the format “start-IP end-IP”.

## **%WC-E-INVALID Range or list specified not in correct format e.g. range “lower-IP-address higher-IP address”**

**Explanation:**

The IP address range or list is specified in an incorrect format.

**Recommended Action:**

Check the command syntax and specify the range or list in the correct format.

## **%WC-E-IPONLY Policy can be applied to IP ACLs only -- ignoring <acl>**

**Explanation:**

Only IP ACLs can be specified for the policy.

**Recommended Action:**

Specify an IP ACL.



## **%WC-E-NOCACHE Could not find cache <name>**

**Explanation:**

The specified cache is not found.

**Recommended Action:**

Check the cache name and make sure it exists.

## **%WC-E-NOMEM Processing error -- out of memory <string>**

**Explanation:**

The system is out of memory.

**Recommended Action:**

Expand existing memory and try again. If problem persists, contact Enterasys Technical Support.

## **%WC-E-NONIPF Cannot apply policy to non IP interface <name>**

**Explanation:**

The interface to which the policy is being applied is a non-IP interface.

**Recommended Action:**

Apply the policy to an IP interface.

## **%WC-E-NOSUCHIF Interface <name> does not exist**

**Explanation:**

The specified interface does not exist.

**Recommended Action:**

Check the interface name and make sure it exists.

## **%WC-E-NOSVRLIST Could not find server list <list> for cache <name>**

**Explanation:**

The specified server group name does not exist in the specified cache group.

**Recommended Action:**

Check the server group name and make sure it exists.

## **%WC-E-SVRLIST\_EXISTS Server list *<list>* already exists**

**Explanation:**

The specified server group name already exists in the specified cache group. Duplicate server names are not allowed.

**Recommended Action:**

Verify the server group name. No further action necessary.

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