

Configuring System Message Logging

This chapter contains the following sections:

- Information About System Message Logging, on page 1
- Guidelines and Limitations for System Message Logging, on page 2
- Default Settings for System Message Logging, on page 3
- Configuring System Message Logging, on page 3
- Configuring DOM Logging, on page 16
- Verifying the System Message Logging Configuration, on page 17
- Repeated System Logging Messages, on page 18

Information About System Message Logging

You can use system message logging to control the destination and to filter the severity level of messages that system processes generate. You can configure logging to terminal sessions, a log file, and syslog servers on remote systems.

For more information about the system message format and the messages that the device generates, see the *Cisco NX-OS System Messages Reference*.

By default, the Cisco Nexus device outputs messages to terminal sessions.

By default, the switch logs system messages to a log file.

The following table describes the severity levels used in system messages. When you configure the severity level, the system outputs messages at that level and lower.

Table 1: System Message Severity Levels

Level	Description
0 – emergency	System unusable
1 – alert	Immediate action needed
2 – critical	Critical condition
3 – error	Error condition
4 – warning	Warning condition

Level	Description
5 – notification	Normal but significant condition
6 – informational	Informational message only
7 – debugging	Appears during debugging only

The switch logs the most recent 100 messages of severity 0, 1, or 2 to the NVRAM log. You cannot configure logging to the NVRAM.

You can configure which system messages should be logged based on the facility that generated the message and its severity level.

Syslog Servers

Syslog servers run on remote systems that are configured to log system messages based on the syslog protocol. You can configure the Cisco Nexus Series switch to send logs to up to eight syslog servers. If CFS is enabled, you can configure up to three syslog servers.

To support the same configuration of syslog servers on all switches in a fabric, you can use Cisco Fabric Services (CFS) to distribute the syslog server configuration.



Note When the switch first initializes, messages are sent to syslog servers only after the network is initialized.

Guidelines and Limitations for System Message Logging

System message logging has the following configuration guidelines and limitations:

- System messages are logged to the console and the logfile by default.
- Beginning with Cisco NX-OS Release 10.3(4a)M, the existing **logging rfc-strict 5424** command (optional) that enables the syslog protocol RFC 5424 is enhanced by adding a new keyword (**full**) as follows:

  logging rfc-strict 5424 full

  The addition of this keyword ensures complete compliance with the RFC 5424 standard for Syslog Protocol. However, if the values are not available for the `[APP-NAME] [PROCID] [MSG-ID] [STRUCTRED-DATA]` fields, then the nil value is indicated by a dash (-).
- Beginning with Cisco NX-OS Release 10.5(3), the existing **logging rfc-strict 5424** command (optional) that enables the syslog protocol RFC 5424 is enhanced by adding a new keyword (**utc**) as follows:

  logging rfc-strict 5424 utc

  The addition of this keyword enables the RFC 5424 standard for Syslog Protocol with UTC time format.

  You can also ensure complete compliance with the RFC 5424 standard for Syslog Protocol in UTC time format with the following command: **logging rfc-strict 5424 utc full**.

Default Settings for System Message Logging

The following table lists the default settings for system message logging parameters.

Table 2: Default System Message Logging Parameters

Parameters	Default
Console logging	Enabled at severity level 2
Monitor logging	Enabled at severity level 2
Log file logging	Enabled to log messages at severity level 5
Module logging	Enabled at severity level 5
Facility logging	Enabled
Time-stamp units	Seconds
Syslog server logging	Disabled
Syslog server configuration distribution	Disabled

Configuring System Message Logging

Configuring System Message Logging to Terminal Sessions

You can configure the switch to log messages by their severity level to console, Telnet, and Secure Shell sessions.

By default, logging is enabled for terminal sessions.

SUMMARY STEPS

1. switch# **terminal monitor**
2. switch# **configure terminal**
3. switch(config)# **logging console** [*severity-level*]
4. (Optional) switch(config)# **no logging console** [*severity-level*]
5. switch(config)# **logging monitor** [*severity-level*]
6. (Optional) switch(config)# **no logging monitor** [*severity-level*]
7. (Optional) switch# **show logging console**
8. (Optional) switch# **show logging monitor**
9. (Optional) switch# **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **terminal monitor**	Copies syslog messages from the console to the current terminal session.
Step 2	switch# **configure terminal**	Enters global configuration mode.
Step 3	switch(config)# **logging console** [*severity-level*]	Enables the switch to log messages to the console session based on a specified severity level or higher (a lower number value indicates a higher severity level). Severity levels range from 0 to 7: • 0 – emergency • 1 – alert • 2 – critical • 3 – error • 4 – warning • 5 – notification • 6 – informational • 7 – debugging If the severity level is not specified, the default of 2 is used.
Step 4	(Optional) switch(config)# **no logging console** [*severity-level*]	Disables logging messages to the console.
Step 5	switch(config)# **logging monitor** [*severity-level*]	Enables the switch to log messages to the monitor based on a specified severity level or higher (a lower number value indicates a higher severity level). Severity levels range from 0 to 7: • 0 – emergency • 1 – alert • 2 – critical • 3 – error • 4 – warning • 5 – notification • 6 – informational • 7 – debugging

	Command or Action	Purpose
		If the severity level is not specified, the default of 2 is used. The configuration applies to Telnet and SSH sessions.
Step 6	(Optional) switch(config)# **no logging monitor** [*severity-level*]	Disables logging messages to Telnet and SSH sessions.
Step 7	(Optional) switch# **show logging console**	Displays the console logging configuration.
Step 8	(Optional) switch# **show logging monitor**	Displays the monitor logging configuration.
Step 9	(Optional) switch# **copy running-config startup-config**	Copies the running configuration to the startup configuration.

Example

The following example shows how to configure a logging level of 3 for the console:

```
switch# configure terminal
switch(config)# logging console 3
```

The following example shows how to display the console logging configuration:

```
switch# show logging console
Logging console:                enabled (Severity: error)
```

The following example shows how to disable logging for the console:

```
switch# configure terminal
switch(config)# no logging console
```

The following example shows how to configure a logging level of 4 for the terminal session:

```
switch# terminal monitor
switch# configure terminal
switch(config)# logging monitor 4
```

The following example shows how to display the terminal session logging configuration:

```
switch# show logging monitor
Logging monitor:                enabled (Severity: warning)
```

The following example shows how to disable logging for the terminal session:

```
switch# configure terminal
switch(config)# no logging monitor
```

Configuring System Message Logging to a File

You can configure the switch to log system messages to a file. By default, system messages are logged to the file log:messages.

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **logging logfile** *logfile-name severity-level* [**size** *bytes*]
3. (Optional) switch(config)# **no logging logfile** [*logfile-name severity-level* [**size** *bytes*]]
4. (Optional) switch# **show logging info**
5. (Optional) switch# **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.
Step 2	switch(config)# **logging logfile** *logfile-name severity-level* [**size** *bytes*]	Configures the name of the log file used to store system messages and the minimum severity level to log. You can optionally specify a maximum file size. The default severity level is 5 and the file size is 4194304. Severity levels range from 0 to 7: • 0 – emergency • 1 – alert • 2 – critical • 3 – error • 4 – warning • 5 – notification • 6 – informational • 7 – debugging The file size is from 4096 to 10485760 bytes.
Step 3	(Optional) switch(config)# **no logging logfile** [*logfile-name severity-level* [**size** *bytes*]]	Disables logging to the log file. You can optionally specify a maximum file size. The default severity level is 5 and the file size is 4194304.
Step 4	(Optional) switch# **show logging info**	Displays the logging configuration. You can optionally specify a maximum file size. The default severity level is 5 and the file size is 4194304.

	Command or Action	Purpose
Step 5	(Optional) switch# **copy running-config startup-config**	Copies the running configuration to the startup configuration.

Example

The following example shows how to configure a switch to log system messages to a file:

```
switch# configure terminal
switch(config)# logging logfile my_log 6 size 4194304
```

The following example shows how to display the logging configuration (some of the output has been removed for brevity):

```
switch# show logging info
Logging console:                enabled (Severity: debugging)
Logging monitor:                enabled (Severity: debugging)
Logging timestamp:              Seconds
Logging server:                 disabled
Logging logfile:                enabled
        Name - my_log: Severity - informational Size - 4194304
Facility        Default Severity        Current Session Severity
--------        ----------------        ------------------------
aaa                     3                       3
afm                     3                       3
altos                   3                       3
auth                    0                       0
authpriv                3                       3
bootvar                 5                       5
callhome                2                       2
capability              2                       2
cdp                     2                       2
cert_enroll             2                       2
...
```

Configuring Module and Facility Messages Logging

You can configure the severity level and time-stamp units of messages logged by modules and facilities.

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **logging module** [*severity-level*]
3. switch(config)# **logging level** *facility severity-level*
4. (Optional) switch(config)# **no logging module** [*severity-level*]
5. (Optional) switch(config)# **no logging level** [*facility severity-level*]
6. (Optional) switch# **show logging module**
7. (Optional) switch# **show logging level** [*facility*]
8. (Optional) switch# **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.
Step 2	switch(config)# **logging module** [*severity-level*]	Enables module log messages that have the specified severity level or higher. Severity levels range from 0 to 7: • 0 – emergency • 1 – alert • 2 – critical • 3 – error • 4 – warning • 5 – notification • 6 – informational • 7 – debugging If the severity level is not specified, the default of 5 is used.
Step 3	switch(config)# **logging level** *facility severity-level*	Enables logging messages from the specified facility that have the specified severity level or higher. Severity levels from 0 to 7: • 0 – emergency • 1 – alert • 2 – critical • 3 – error • 4 – warning • 5 – notification • 6 – informational • 7 – debugging To apply the same severity level to all facilities, use the all facility. For defaults, see the **show logging level** command. **Note** If the default severity and current session se component will not be displayed in the runn

	Command or Action	Purpose
Step 4	(Optional) switch(config)# **no logging module** [*severity-level*]	Disables module log messages.
Step 5	(Optional) switch(config)# **no logging level** [*facility severity-level*]	Resets the logging severity level for the specified facility to its default level. If you do not specify a facility and severity level, the switch resets all facilities to their default levels.
Step 6	(Optional) switch# **show logging module**	Displays the module logging configuration.
Step 7	(Optional) switch# **show logging level** [*facility*]	Displays the logging level configuration and the system default level by facility. If you do not specify a facility, the switch displays levels for all facilities.
Step 8	(Optional) switch# **copy running-config startup-config**	Copies the running configuration to the startup configuration.

Example

The following example shows how to configure the severity level of module and specific facility messages:

```
switch# configure terminal
switch(config)# logging module 3
switch(config)# logging level aaa 2
```

Configuring Logging Timestamps

You can configure the time-stamp units of messages logged by the Cisco Nexus Series switch.

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **logging timestamp** {**microseconds** | **milliseconds** | **seconds**}
3. (Optional) switch(config)# **no logging timestamp** {**microseconds** | **milliseconds** | **seconds**}
4. (Optional) switch# **show logging timestamp**
5. (Optional) switch# **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.

	Command or Action	Purpose
Step 2	switch(config)# **logging timestamp** {**microseconds** | **milliseconds** | **seconds**}	Sets the logging time-stamp units. By default, the units are seconds.
Step 3	(Optional) switch(config)# **no logging timestamp** {**microseconds** | **milliseconds** | **seconds**}	Resets the logging time-stamp units to the default of seconds.
Step 4	(Optional) switch# **show logging timestamp**	Displays the logging time-stamp units configured.
Step 5	(Optional) switch# **copy running-config startup-config**	Copies the running configuration to the startup configuration.

Example

The following example shows how to configure the time-stamp units of messages:

```
switch# configure terminal
switch(config)# logging timestamp milliseconds
switch(config)# exit
switch# show logging timestamp
Logging timestamp:              Milliseconds
```

Configuring Logging Syslogs Compliant to RFC 5424

The command can be modified in the following ways :

- [*no*] **logging rfc-strict 5424**
- **show logging rfc-strict 5424**

SUMMARY STEPS

1. `switch(config)#`[*no*] logging rfc-strict 5424
2. `switch(config)#` **logging rfc-strict 5424**
3. `switch(config)#`show logging rfc-strict 5424

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	`switch(config)#`[*no*] logging rfc-strict 5424	(optional) Negate a command or set its defaults
Step 2	`switch(config)#` **logging rfc-strict 5424**	Modify message logging facilities and set RFC to which messages should be compliant.
Step 3	`switch(config)#`show logging rfc-strict 5424	Displays the syslogs which will be compliant to RFC 5424

Configuring Syslog Servers

You can configure up to eight syslog servers that reference remote systems where you want to log system messages.

SUMMARY STEPS

1. **configure terminal**
2. **logging server** *host* [*severity-level* [**use-vrf** *vrf-name* [**facility** *facility*]]]
3. (Optional) **no logging server** *host*
4. (Optional) **show logging server**
5. (Optional) **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose

Step 1	**configure terminal**
	Example:
	`switch# configure terminal`
	`switch(config)#`
		Enters global configuration mode.

Step 2	**logging server** *host* [*severity-level* [**use-vrf** *vrf-name* [**facility** *facility*]]] **Example:** `switch(config)# logging server 172.28.254.254 5 use-vrf default facility local3`	Configures a host to receive syslog messages. • The *host* argument identifies the hostname or the IPv4 or IPv6 address of the syslog server host. • The *severity-level* argument limits the logging of messages to the syslog server to a specified level. Severity levels range from 0 to 7. See Table 1: System Message Severity Levels , on page 1. • The **use vrf** *vrf-name* keyword identifies the default or management values for the VRF name. If a specific VRF is not identified, management is the default. The **show running** command output can display or not display the VRF based on the following configuration scenarios: • You have not configured any VRF and the system takes the management VRF as the default. Then this VRF is not displayed in the output. • You have configured management VRF. Then this VRF is not displayed in the output as the system identifies it as the default. • You have configured any other VRF. Then this VRF is displayed in the output.

	Command or Action	Purpose
		Note The current Cisco Fabric Services (CFS) d CFS distribution is enabled, the logging ser is distributed as the management VRF. • The facility argument names the syslog facility type. The default outgoing facility is local7. The facilities are listed in the command reference for the Cisco Nexus Series software that you are using. **Note** Debugging is a CLI facility but the debug sy
Step 3	(Optional) **no logging server** *host* **Example:** `switch(config)# no logging server 172.28.254.254 5`	Removes the logging server for the specified host.
Step 4	(Optional) **show logging server** **Example:** `switch# show logging server`	Displays the syslog server configuration.
Step 5	(Optional) **copy running-config startup-config** **Example:** `switch(config)# copy running-config startup-config`	Saves the change persistently through reboots and restarts by copying the running configuration to the startup configuration.

Example

The following examples show how to configure a syslog server:

```
switch# configure terminal
switch(config)# logging server 172.28.254.254 5
use-vrf default facility local3

switch# configure terminal
switch(config)# logging server 172.28.254.254 5 use-vrf management facility local3
```

Configuring syslog on a UNIX or Linux System

You can configure a syslog server on a UNIX or Linux system by adding the following line to the /etc/syslog.conf file:

facility.level <five tab characters> *action*

The following table describes the syslog fields that you can configure.

Table 3: syslog Fields in syslog.conf

Field	Description
Facility	Creator of the message, which can be auth, authpriv, cron, daemon, kern, lpr, mail, mark, news, syslog, user, local0 through local7, or an asterisk (*) for all. These facility designators allow you to control the destination of messages based on their origin. **Note** Check your configuration before using a local facility.
Level	Minimum severity level at which messages are logged, which can be debug, info, notice, warning, err, crit, alert, emerg, or an asterisk (*) for all. You can use none to disable a facility.
Action	Destination for messages, which can be a filename, a hostname preceded by the at sign (@), or a comma-separated list of users or an asterisk (*) for all logged-in users.

SUMMARY STEPS

1. Log debug messages with the local7 facility in the file /var/log/myfile.log by adding the following line to the /etc/syslog.conf file:
2. Create the log file by entering these commands at the shell prompt:
3. Make sure that the system message logging daemon reads the new changes by checking myfile.log after entering this command:

DETAILED STEPS

Procedure

Step 1 Log debug messages with the local7 facility in the file /var/log/myfile.log by adding the following line to the /etc/syslog.conf file:

```
debug.local7             /var/log/myfile.log
```

Step 2 Create the log file by entering these commands at the shell prompt:

```
$ touch /var/log/myfile.log
$ chmod 666 /var/log/myfile.log
```

Step 3 Make sure that the system message logging daemon reads the new changes by checking myfile.log after entering this command:

```
$ kill -HUP ~cat /etc/syslog.pid~
```

Configuring syslog Server Configuration Distribution

You can distribute the syslog server configuration to other switches in the network by using the Cisco Fabric Services (CFS) infrastructure.

After you enable syslog server configuration distribution, you can modify the syslog server configuration and view the pending changes before committing the configuration for distribution. As long as distribution is enabled, the switch maintains pending changes to the syslog server configuration.



Note If the switch is restarted, the syslog server configuration changes that are kept in volatile memory might get lost.

Before you begin

You must have configured one or more syslog servers.

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **logging distribute**
3. switch(config)# **logging commit**
4. switch(config)# **logging abort**
5. (Optional) switch(config)# **no logging distribute**
6. (Optional) switch# **show logging pending**
7. (Optional) switch# **show logging pending-diff**
8. (Optional) switch# **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.
Step 2	switch(config)# **logging distribute**	Enables distribution of the syslog server configuration to network switches using the CFS infrastructure. By default, distribution is disabled.
Step 3	switch(config)# **logging commit**	Commits the pending changes to the syslog server configuration for distribution to the switches in the fabric.
Step 4	switch(config)# **logging abort**	Cancels the pending changes to the syslog server configuration.
Step 5	(Optional) switch(config)# **no logging distribute**	Disables the distribution of the syslog server configuration to network switches using the CFS infrastructure. You cannot disable distribution when configuration changes are

	Command or Action	Purpose
		pending. See the **logging commit** and **logging abort** commands. By default, distribution is disabled.
Step 6	(Optional) switch# **show logging pending**	Displays the pending changes to the syslog server configuration.
Step 7	(Optional) switch# **show logging pending-diff**	Displays the differences from the current syslog server configuration to the pending changes of the syslog server configuration.
Step 8	(Optional) switch# **copy running-config startup-config**	Copies the running configuration to the startup configuration.

Displaying and Clearing Log Files

You can display or clear messages in the log file and the NVRAM.

SUMMARY STEPS

1. switch# **show logging last** *number-lines*
2. switch# **show logging logfile** [**start-time** *yyyy mmm dd hh:mm:ss*] [**end-time** *yyyy mmm dd hh:mm:ss*]
3. switch# **show logging nvram** [**last** *number-lines*]
4. switch# **clear logging logfile**
5. switch# **clear logging nvram**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **show logging last** *number-lines*	Displays the last number of lines in the logging file. You can specify from 1 to 9999 for the last number of lines.
Step 2	switch# **show logging logfile** [**start-time** *yyyy mmm dd hh:mm:ss*] [**end-time** *yyyy mmm dd hh:mm:ss*]	Displays the messages in the log file that have a time stamp within the span entered. If you do not enter an end time, the current time is used. You enter three characters for the month time field and digits for the year and day time fields.
Step 3	switch# **show logging nvram** [**last** *number-lines*]	Displays the messages in the NVRAM. To limit the number of lines displayed, you can enter the last number of lines to display. You can specify from 1 to 100 for the last number of lines.
Step 4	switch# **clear logging logfile**	Clears the contents of the log file.
Step 5	switch# **clear logging nvram**	Clears the logged messages in NVRAM.

Example

The following example shows how to display messages in a log file:

```
switch# show logging last 40
switch# show logging logfile start-time 2007 nov 1 15:10:0
switch# show logging nvram last 10
```

The following example shows how to clear messages in a log file:

```
switch# clear logging logfile
switch# clear logging nvram
```

Configuring DOM Logging

Enabling DOM Logging

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **system ethernet dom polling**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.
Step 2	switch(config)# **system ethernet dom polling**	Enables transceiver digital optical monitoring periodic polling.

Example

The following example shows how to enable DOM logging.

```
switch# configure terminal
switch(config)# system ethernet dom polling
```

Disabling DOM Logging

SUMMARY STEPS

1. switch# **configure terminal**
2. switch(config)# **no system ethernet dom polling**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	switch# **configure terminal**	Enters global configuration mode.
Step 2	switch(config)# **no system ethernet dom polling**	Disables transceiver digital optical monitoring periodic polling.

Example

The following example shows how to disable DOM logging.

```
switch# configure terminal
switch(config)# no system ethernet dom polling
```

Verifying the DOM Logging Configuration

Command	Purpose
show system ethernet dom polling status	Displays the transceiver digital optical monitoring periodic polling status.

Verifying the System Message Logging Configuration

Use these commands to verify system message logging configuration information:

Command	Purpose
show logging console	Displays the console logging configuration.
show logging info	Displays the logging configuration.
show logging ip access-list cache	Displays the IP access list cache.
show logging ip access-list cache detail	Displays detailed information about the IP access list cache.
show logging ip access-list status	Displays the status of the IP access list cache.

Command	Purpose
show logging last *number-lines*	Displays the last number of lines of the log file.
show logging level [*facility*]	Displays the facility logging severity level configuration.
show logging logfile [**start-time** *yyyy mmm dd hh:mm:ss*] [**end-time** *yyyy mmm dd hh:mm:ss*]	Displays the messages in the log file.
show logging module	Displays the module logging configuration.
show logging monitor	Displays the monitor logging configuration.
show logging nvram [**last** *number-lines*]	Displays the messages in the NVRAM log.
show logging pending	Displays the syslog server pending distribution configuration.
show logging pending-diff	Displays the syslog server pending distribution configuration differences.
show logging server	Displays the syslog server configuration.
show logging session	Displays the logging session status.
show logging status	Displays the logging status.
show logging timestamp	Displays the logging time-stamp units configuration.

Repeated System Logging Messages

System processes generate logging messages. Depending on the filters used to control which severity levels are generated, a large number of messages can be produced with many of them being repeated.

To make it easier to develop scripts to manage the volume of logging messages, and to eliminate repeated messages from “flooding” the output of the **show logging log** command, the following method of logging repeated messages is used.

In the old method, when the same message was repeated, the default was to state the number of times it reoccurred in the message:

```
2019 Mar 11 13:42:44 Cisco-customer %PTP-2-PTP_INCORRECT_PACKET_ON_SLAVE:
Incorrect delay response packet received on slave interface Eth1/48 by
2c:5a:0f:ff:fe:51:e9:9f. Source Port Identity is 08:00:11:ff:fe:22:3e:4e. Requesting Port
Identity is 00:1c:73:ff:ff:ee:f6:e5
2019 Mar 11 13:43:15 Cisco-customer last message repeated 242 times
```

The new method simply appends the repeat count to the end of the repeated message:

```
2019 Mar 11 13:42:44 Cisco-customer %PTP-2-PTP_INCORRECT_PACKET_ON_SLAVE:
Incorrect delay response packet received on slave interface Eth1/48 by
2c:5a:0f:ff:fe:51:e9:9f. Source Port Identity is 08:00:11:ff:fe:22:3e:4e. Requesting Port
Identity is 00:1c:73:ff:ff:ee:f6:e5

2019 Mar 11 13:43:15 Cisco-customer %PTP-2-PTP_INCORRECT_PACKET_ON_SLAVE:
Incorrect delay response packet received on slave interface Eth1/48 by
```

```
2c:5a:0f:ff:fe:51:e9:9f. Source Port Identity is 08:00:11:ff:fe:22:3e:4e. Requesting Port
Identity is 00:1c:73:ff:ff:ee:f6:e5 (message repeated 242 times)
```