

View the Device Memory Logs on SFE/SGE Managed Switches

Objective

System memory logs contains all system log entries in sequential order, from earliest to latest and are saved in Random Access Memory (RAM). The objective of this document is to view and clear the device memory logs on SFE/SGE Managed Switches using the Switch Configuration Utility.

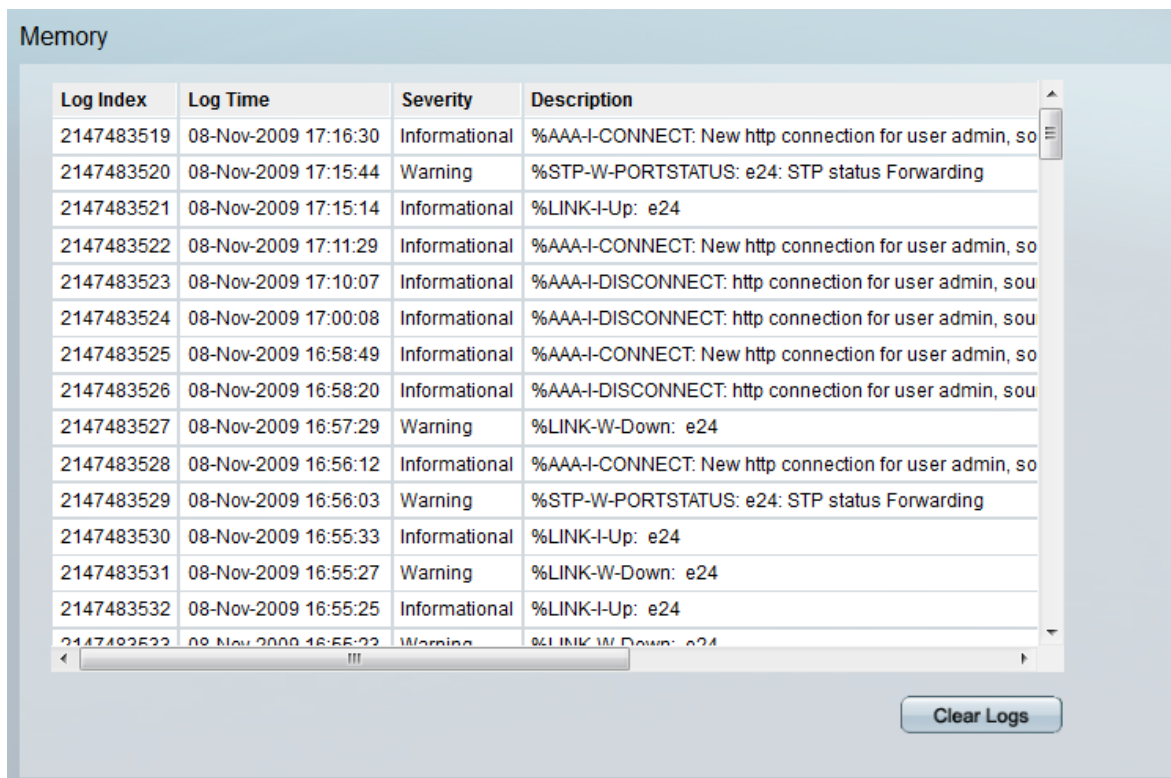
Applicable Devices

- SFE/SGE Managed Switches

Device Memory Log Information

View Memory Logs

Step 1. Log in to the web configuration utility and choose **Admin > Logs > Memory**. The *Memory* page opens:



Log Index	Log Time	Severity	Description
2147483519	08-Nov-2009 17:16:30	Informational	%AAA-I-CONNECT: New http connection for user admin, so
2147483520	08-Nov-2009 17:15:44	Warning	%STP-W-PORTSTATUS: e24: STP status Forwarding
2147483521	08-Nov-2009 17:15:14	Informational	%LINK-I-Up: e24
2147483522	08-Nov-2009 17:11:29	Informational	%AAA-I-CONNECT: New http connection for user admin, so
2147483523	08-Nov-2009 17:10:07	Informational	%AAA-I-DISCONNECT: http connection for user admin, sou
2147483524	08-Nov-2009 17:00:08	Informational	%AAA-I-DISCONNECT: http connection for user admin, sou
2147483525	08-Nov-2009 16:58:49	Informational	%AAA-I-CONNECT: New http connection for user admin, so
2147483526	08-Nov-2009 16:58:20	Informational	%AAA-I-DISCONNECT: http connection for user admin, sou
2147483527	08-Nov-2009 16:57:29	Warning	%LINK-W-Down: e24
2147483528	08-Nov-2009 16:56:12	Informational	%AAA-I-CONNECT: New http connection for user admin, so
2147483529	08-Nov-2009 16:56:03	Warning	%STP-W-PORTSTATUS: e24: STP status Forwarding
2147483530	08-Nov-2009 16:55:33	Informational	%LINK-I-Up: e24
2147483531	08-Nov-2009 16:55:27	Warning	%LINK-W-Down: e24
2147483532	08-Nov-2009 16:55:25	Informational	%LINK-I-Up: e24
2147483533	08-Nov-2009 16:55:23	Warning	%LINK-W-Down: e24

Step 2. The Memory page consists of following information and fields.

- Log Index — Shows the log entry number in ascending order.
- Log Time — Shows the date and time the log was created.
- Severity — Shows the event severity level. The following are the available log severity levels:

- Emergency — The highest log level. If a device is down or not working properly, an emergency log message is logged to a specified logging location.
 - Alert — The second log level. An alert log is logged, when there is a serious device malfunction, such as all device features are down.
 - Critical — The third highest log level. A critical log is logged, when there is critical device malfunction; such as, two ports are not functioning while remaining work fine.
 - Error — The fourth log level. A device error log is logged, when there is error in device, such as single port is offline.
 - Warning — The fifth log level. A warning message is logged, when device is functioning properly, but an operational problem has occurred.
 - Notice — The sixth log level. A Notice log is logged, when the device is functioning properly, but a system notice has occurred.
 - Informational — The last but one log level. This log provides device information.
 - Debug — The last log level but memory intensive level. This log provides all debugging messages.
- Description — Informational message that describes the event logged.

Clear Message Logs

Step 1. Use the Switch Configuration Utility to choose **Admin > Logs > Memory**. The *Memory Page* opens.

Memory

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2147483531	08-Nov-2009 16:55:27	Warning	%LINK-W-Down: e24
2147483532	08-Nov-2009 16:55:25	Informational	%LINK-I-Up: e24
2147483533	08-Nov-2009 16:55:22	Warning	%LINK-W-Down: e24

Clear Logs

Step 2. (Optional) Click the **Clear Logs** button located in the bottom right to clear the previous logs.