



Monitoring System

The System feature available on the ME 1200 Web GUI allows you to monitor your computer's configuration information.

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System Information

This option allows you to view the switch system information.

System	
Contact	
Name	M1200-2006
Location	
Hardware	
MAC Address	00-3a-99-2d-4b-1c
Chip ID	VSC7418
Time	
System Date	1970-01-01T19:36:05+00:00
System Uptime	0d 19:36:05
Software	
Software Version	ME1200 OS Software Build 15 6-1 SN
Software Date	Fri Dec 18 11:51:52 IST 2015
Code Revision	mcp_dev-shwkn-ntp-runcfg [BLD_DARLING_122S_040709_1301]
Acknowledgments	Details

- **Contact:** The system contact configured in **Configuration > System > Information > System Contact**.

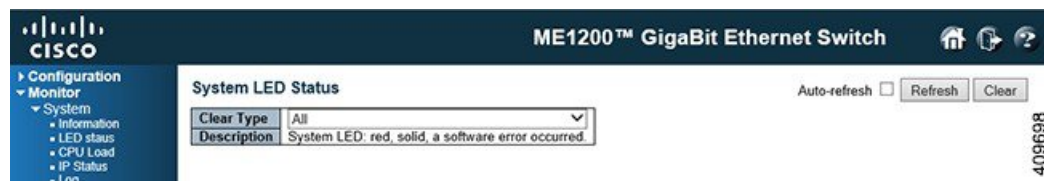
- **Name:** The system name configured in **Configuration > System > Information > System Name**.
- **Location:** The system name configured in **Configuration > System > Information > System Location**.
- **MAC Address:** The MAC Address of this switch.
- **Chip ID:** The Chip ID of this switch.
- **System Date:** The current (GMT) system time and date. The system time is obtained through the Timing server running on the switch, if any.
- **System Uptime:** The period of time the device has been operational.
- **Software Version:** The software version of this switch.
- **Software Date:** The date when the switch software was produced.
- **Code Revision:** The version control identifier of the switch software.

Related Topics

[Configuring System](#)

System LED Status

This option allows you to view the switch system LED status.



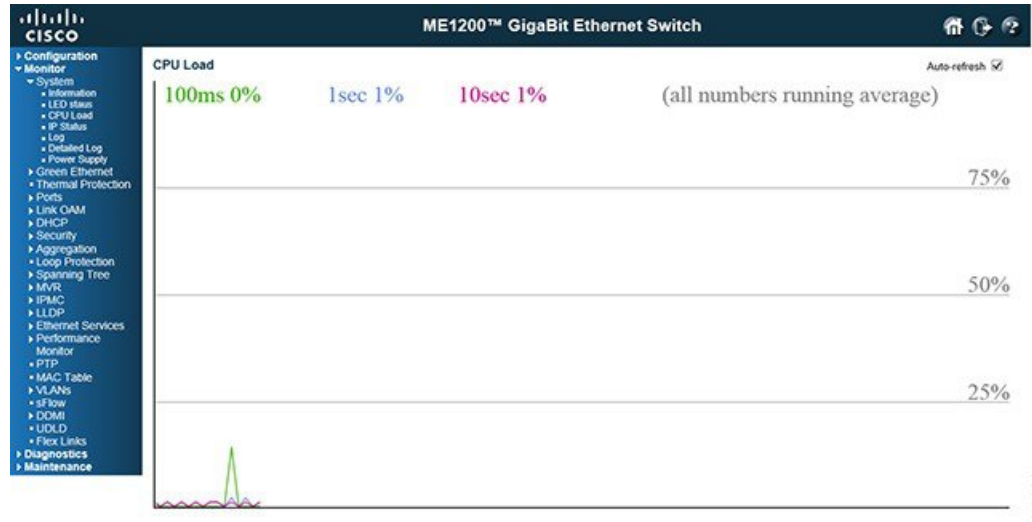
- **Clear Type:** The types of system LED status clearing is listed. Possible values are:
 - *All*: Clear all error status of the system LED and back to normal indication.
 - *Fatal*: Clear fatal error status of the system LED.
 - *Software*: Clear generic software error status of the system LED.
 - *POST*: Clear POST error status of the system LED.
 - *ZTP*: Clear ZTP error status of the system LED.
- **Description:** The description of system LED.

Related Topics

[Configuring System](#)

CPU Load

This option displays the CPU Load of your system using an SVG graph.



The load is measured as averaged over the last 100ms, 1sec and 10 seconds intervals. The last 120 samples are graphed, and the last numbers are displayed as text as well.



Note

In order to display the SVG graph, your browser must support the SVG format. Consult the SVG Wiki for more information on browser support. Specifically, at the time of writing, Microsoft Internet Explorer will need to have a plugin installed to support SVG.

Related Topics

[Configuring System](#)

IP Status

This option displays the status of the IP protocol layer. The status is defined by the IP interfaces, the IP routes and the neighbour cache (ARP cache) status.

ME1200™ GigaBit Ethernet Switch

Auto-refresh Refresh

IP Interfaces

Interface	Type	Address	Status
OS-lo	LINK	00-00-00-00-00-00	<UP LOOPBACK RUNNING MULTICAST>
OS-lo	IPv4	127.0.0.1/8	
OS-lo	IPv6	fe80::1/64	
OS-lo	IPv6	::1/128	
VLAN1	LINK	00-3a-99-fd-4b-1c	<UP BROADCAST RUNNING MULTICAST>
VLAN1	IPv4	7.3.9.15/16	
VLAN1	IPv6	fe80::23a:99ff:fed4:b1c64	

IP Routes

Network	Gateway	Status
0.0.0.0/0	7.3.0.1	<UP GATEWAY HW_RT>
127.0.0.1/32	127.0.0.1	<UP HOST>
224.0.0.0/4	127.0.0.1	<UP>
::1/128	::1	<UP HOST>

Neighbour cache

IP Address	Link Address
7.3.0.1	VLAN1:00-00-0c-07-ac-03
7.3.0.2	VLAN1:00-14-1b-ec-18-00
7.3.0.3	VLAN1:00-19-a9-a2-9e-80
7.3.15.89	VLAN1:78-ba-49-37-a7-62
fe80::23a:99ff:fed4:b1c	VLAN1:00-3a-99-fd-4b-1c

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IP Interfaces

The following information on the IP Status of your system is displayed.

Interface	The name of the interface.
Type	The address type of the entry. This may be LINK or IPv4.
Address	The current address of the interface.
Status	The status flags of the interface (and/or address).

Click **Add Interface** to add and configure an IP Interface.

IP Routes

The following information on the IP Routes of your system is displayed.

Network	The destination IP network or host address of this route
Gateway	The gateway address of this route.
Status	The status flags of the route

Click **Add Route** to add and configure an IP Route.

Neighbour cache

The following information of your system's cache is displayed.

IP Address	The IP address of the entry.
Link Address	The Link(MAC)address for which a binding to the IP address given exist.

Related Topics

[Configuring System](#)

System Log Information

This option allows you to view the switch system log information.

The screenshot shows the Cisco ME1200 GigaBit Ethernet Switch web interface. The main content area is titled "System Log Information". It features a navigation menu on the left with options like Configuration, Monitor, System, Information, LED status, CPU Load, IP Status, Log, Detailed Log, Power Supply, Green Ethernet, Thermal Protection, Ports, Link OAM, DHCP, Security, Aggregation, Loop Protection, Spanning Tree, MVR, and IPMC. The System Log Information section includes a search bar with "Level" and "Clear Level" dropdown menus, both set to "All". Below the search bar, it states "The total number of entries is 7 for the given level." and "Start from ID 1 with 20 entries per page." A table displays the log entries:

ID	Level	Time	Message
1	Informational	1970-01-01T00:00:03+00:00	SYS-BOOTING: Switch just made a cold boot
2	Notice	1970-01-01T00:00:03+00:00	LINK-UPDOWN: Interface Vlan 1, changed state to down.
3	Informational	1970-01-01T00:00:04+00:00	DDMI-MODULE_INSERT_REMOVE: Inserted SFP module on Interface GigabitEthernet 1/4
4	Notice	1970-01-01T00:00:04+00:00	LINK-UPDOWN: Interface GigabitEthernet 1/2, changed state to up.
5	Notice	1970-01-01T00:00:05+00:00	LINK-UPDOWN: Interface GigabitEthernet 1/4, changed state to up.
6	Notice	1970-01-01T00:00:06+00:00	LINK-UPDOWN: Interface GigabitEthernet 1/1, changed state to up.
7	Notice	1970-01-01T00:00:08+00:00	LINK-UPDOWN: Interface Vlan 1, changed state to up.

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Navigating the System Log Information Table

Each page shows up to 999 table entries, selected through the **entries per page** input field. When first visited, the web page will show the beginning entries of this table. The **Level** input field is used to filter the display system log entries. The **Clear Level** input field is used to specify which system log entries will be cleared. To clear specific system log entries, select the clear level first then click the **Clear** button.

The **Start from ID** input field allow the user to change the starting point in this table. Clicking the **Refresh** button will update the displayed table starting from that or the closest next entry match. In addition, these input fields will upon a **Refresh** button click - assume the value of the first displayed entry, allowing for continuous refresh with the same start input field.

The >> will use the last entry of the currently displayed table as a basis for the next lookup. When the end is reached the text **No more entries** is shown in the displayed table. Use the << button to start over.

System Log Information Entry Columns

- **ID**: The identification of the system log entry.
- **Level**: The level of the system log entry.
 - **Info**: The system log entry is belonged information level.
 - **Warning**: The system log entry is belonged warning level.
 - **Error**: The system log entry is belonged error level.
- **Time**: The occurred time of the system log entry.
- **Message**: The detail message of the system log entry.

Related Topics

[Configuring System](#)

Detailed System Log Information

This option displays detailed log information of the switch system.

The screenshot shows the Cisco ME1200 GigaBit Ethernet Switch web interface. The left navigation menu is expanded to 'Monitor' > 'System' > 'Detailed Log'. The main content area is titled 'Detailed System Log Information' and features a search bar for 'ID' with the value '1'. Below the search bar is a table of log messages:

Level	Message
Informational	SYS-BOOTING: Switch just made a cold boot.

Navigation buttons include 'Refresh', '<<', '>>', and '>>|'. A vertical ID number '409695' is visible on the right side of the interface.

- **Level:** The severity level of the system log entry.
- **ID:** The ID (≥ 1) of the system log entry.
- **Message:** The detailed message of the system log entry.

Related Topics

[Configuring System](#)

System Power Supply Status

This option displays the power supply status of the switch system.

The screenshot shows the Cisco ME1200 GigaBit Ethernet Switch web interface. The left navigation menu is expanded to 'Monitor' > 'System' > 'Power Supply Status'. The main content area is titled 'Power Supply Status' and features an 'Auto-refresh' checkbox and a 'Refresh' button. Below these is a table of power supply status:

ID	Description	State
1	Main PSU	Active
2	Redundant PSU	Not Present

A vertical ID number '409700' is visible on the right side of the interface.

- **ID:** The identification of power supply.
- **Description:** The description of power supply.
- **State:** The description of power supply. Possible values are:
 - **Active:** The power supply is used for the system currently.
 - **Standby:** The power supply is standby as the redundant power supply.
 - **Not Present:** The power supply is not present.

Related Topics

[Configuring System](#)

