

## Monitoring PoE

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**Purpose** Use the monitoring functionality to view real-time data of the power consumed by each PoE interface, and to enable and configure Telemetries values. When Telemetries is enabled, the software measures the power consumed by each interface and stores the data for future reference.

**Action** To monitor PoE using the J-Web interface, select **Monitor > Power over Ethernet**.

To monitor PoE using the CLI:

- To display the real-time PoE status for all PoE interfaces, enter **show poe interface** .
- To display the real-time PoE status for a specific PoE interface, enter **show poe interface *interface-name*** .

The **show poe interface** command displays the power consumption of the interface at the moment that the command is issued.

To monitor the PoE interface's power consumption over a period of time, you can enable telemetries for the interface with the telemetries configuration statement. When Telemetries is enabled, you can display the log of the interface's power consumption by using the CLI command:

**show poe telemetries interface *interface-name* all| x**

**Meaning** In the J-Web interface the PoE Monitoring screen is divided into two parts. The top half of the screen displays real-time data of the power consumed by each interface and a list of ports that utilize maximum power.

Select a particular interface to view a graph of the power consumed by the selected interface.

The bottom half of the screen displays telemetries values for interfaces. The telemetry status displays whether telemetry has been enabled on the interface. Click the **Show Graph** button to view a graph of the telemetries. The graph can be based on power or voltage. To modify telemetries values, click **Edit**. Specify Interval in minutes, Duration in hours, and select **Log Telemetries** to enable telemetries on the selected interface.

- Related Topics**
- Configuring PoE (CLI Procedure)
  - Configuring PoE (J-Web Procedure)
  - Example: Configuring PoE Interfaces on an EX Series Switch
  - Example: Configuring PoE Interfaces with Different Priorities on an EX Series Switch
  - Verifying Status of PoE Interfaces on an EX Series Switch