

Configuring PoE (J-Web Procedure)

Power over Ethernet (PoE) ports supply electric power over the same ports that are used to connect network devices. These ports allow you to plug in devices that require both network connectivity and electric power, such as VoIP phones, wireless access points, and some IP cameras. Using the Power over Ethernet (PoE) configuration page in the J-Web interface, you can modify the settings of all interfaces that are PoE-enabled.

To configure PoE:

1. In the **Configure** menu, select **Power over Ethernet**.

The page displays a list of all interfaces except uplink ports. Specific operational details about an interface are displayed in the **Details** section of the page. The details include the PoE Operational Status and Port class.

2. Click one:
 - **Edit**—Changes PoE settings for the selected port as described in Table 1.
 - **System Settings**—Modifies general PoE settings as described in Table 2.

Table 1: PoE Edit Settings

Field	Description	Your Action
Enable PoE	Specifies that PoE is enabled on the interface.	Select this option to enable PoE on the interface.
Priority	Lists the power priority (Low or High) configured on ports enabled for PoE.	Set the priority as High or Low .
Maximum Power	Specifies the maximum PoE wattage available to provision active PoE ports on the switch.	Select a value in watts. If no value is specified, the default is 15.4.

Table 2: System Settings

Field	Description	Your Action
PoE Management	<p>Specifies the power management mode. The options are: static and class.</p> <p>NOTE: When the power management mode is set to class, the maximum power value is overridden by the maximum power value of the class of power device that is connected to the switch on the PoE port.</p>	By default the power management mode is static . Select class to change the power management mode.
Guard Band (watts)	Specifies the band to control power availability on the switch.	Enter a value to set the guard band value in watts. The default value is 0.

- Related Topics**
- Configuring PoE (CLI Procedure)
 - Example: Configuring PoE Interfaces on an EX Series Switch
 - Example: Configuring PoE Interfaces with Different Priorities on an EX Series Switch
 - Monitoring PoE
 - PoE and EX Series Switches Overview

Published: 2009-12-22