

Monitoring Interface Status and Traffic

Purpose Use the monitoring functionality to view interface status or to monitor interface bandwidth utilization and traffic statistics on the EX-series switches.

The J-Web interface monitors interface bandwidth utilization and plots real-time charts to display input and output rates in bytes per second. In addition, the Interface monitoring page displays input and output packet counters and error counters in the form of charts.

Alternatively, you can enter the show commands in the CLI to view interface status and traffic statistics.

Action To view general interface information in the J-Web interface such as available interfaces, select **Monitor > Interfaces**. Click any interface to view details about its status.

In order to set up interface monitoring for virtual chassis and EX 8200 series, select a member from the **Port for FPC** list. Details such as the admin status and link status are displayed in the table.



NOTE: By default, the details of the first member in the **Port for FPC** drop-down list is displayed.

You have the following options:

- **Start/Stop**—Starts or stops monitoring the selected interface.
- **Show Graph**—Displays input and output packet counters and error counters in the form of charts. Also, click on the pop-up icon to view the graph in a separate window.
- **Clear Statistics**—Clears the statistics for the interface selected from the table.

Using the CLI:

- To view interface status for all the interfaces, enter `show interfaces` .
- To view status and statistics for a specific interface, enter `show interfaces interface-name` .
- To view status and traffic statistics for all interfaces, enter either `show interfaces detail` or `show interfaces extensive`.

Meaning In the J-Web interface the charts displayed are:

- **Bar charts**—Display the input and output error counters.
- **Pie charts**—Display the number of broadcast, unicast, and multicast packet counters.

For details about output from the CLI commands, see `show interfaces` (Gigabit Ethernet) or `show interfaces` (10-Gigabit Ethernet).

- Related Topics**
- Configuring Gigabit Ethernet Interfaces (J-Web Procedure)
 - Configuring Gigabit Ethernet Interfaces (CLI Procedure)