Port Management

- About Port Management, on page 1

About Port Management

Port Management provides a front panel view of each device that includes switch ports that can be configured by Cisco Business Dashboard. This page allows you to view the status of the ports including traffic counters, and make changes to the port configuration. This page also lets you view and configure the Smartports role for ports on devices that support Smartports. You can use the search box to limit the devices displayed. Type in all or part of a device name, product ID, or serial number to find the desired device.

A list view of the same information is also provided to show all the switch ports in a tabular format. The front panel view in **Port Management** presents two different views of the device:

The **Physical** view allows you to see the status and change the configuration of the port at the physical layer. You can view or change settings for speed, duplex, Energy Efficient Ethernet (EEE), Power over Ethernet (PoE), and VLANs. Each port is shown with a green LED indicating link and a yellow LED indicating that power is being supplied to the attached device.
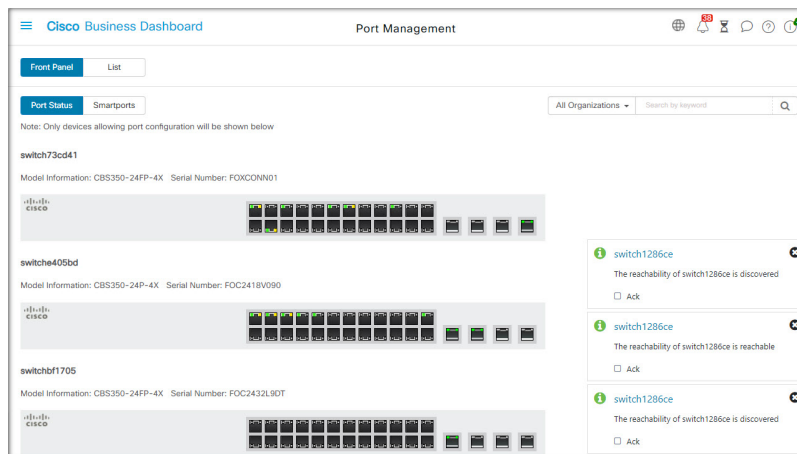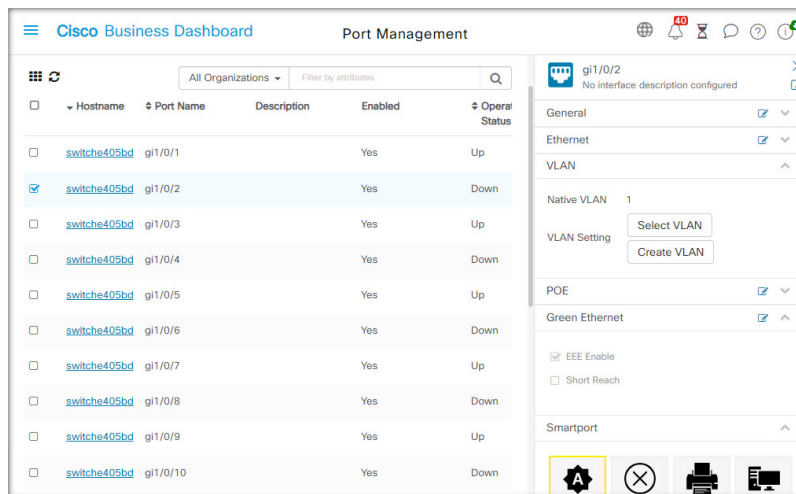

The **Smartports** view allows you to see the current Smartports role for each port, and to change the role. Each port is overlaid with an icon indicating the current role

![Note icon]
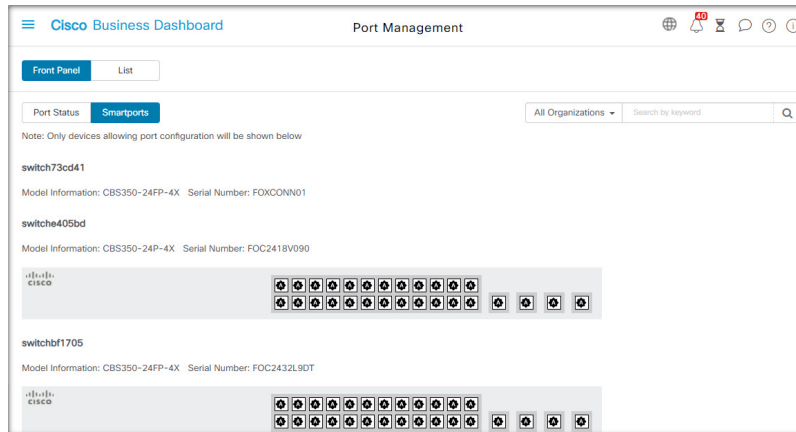
Note A **Smartport** is an interface to which a built-in (or user-defined) template can be applied. These templates are designed to provide a means of quickly configuring the device to support the communication requirements and utilize the features of various types of network devices.

To view the status of a port, click on the port in either the front panel view or list view. The **Basic Info** panel for the port appears, showing a series of panels as follows:

General	This panel shows the physical layer status of the port and allows you to enable the port or shut it down
Ethernet	Use this panel to control speed and duplex settings
Port Authentication	This panel allows you to enable 802.1x port authentication on this port. Authentication will be performed against the authentication server(s) specified in the Authentication profile assigned to the device.
	If no authentication servers are defined, Cisco Business Dashboard will be used as the default authentication server.

VLAN	This panel shows the VLANs currently configured on the port. Click the **Select VLAN** or **Create VLAN** buttons to modify this configuration
POE	This panel is only displayed for POE-enabled ports, and allows you to configure the POE settings for the port. You can also power-cycle an attached POE device by clicking the Toggle Power button
Green Ethernet	This panel allows you to manage the Energy Efficient Ethernet (EEE) configuration for the port
Smartports	This panel shows the Smartports roles available for this port. Click on a role to apply that configuration to the port. The currently configured role is highlighted.

To make changes to the port settings, click the **edit** icon in the top right of the pane containing that setting. Once the changes have been made, click the **Save** icon.