



Product Overview

The Cisco IOS on the Catalyst 6500 Series Switches product supports the following hardware and software:

- Supervisor Engine 2, Policy Feature Card 2 (PFC2), and Multilayer Switch Feature Card 2 (MSFC2); and in Catalyst 6500 series switches:
 - Switch Fabric Module
 - Fabric-enabled switching modules
 - Fabric-enabled switching modules with a distributed forwarding card (DFC)
- Supervisor Engine 1, PFC, and MSFC or MSFC2
- All Layer 2 and Layer 3 configuration from the same user interface
- Except for VLANs, Layer 2 and Layer 3 configuration is stored in a standard IOS configuration file

Refer to the *Release Notes for Cisco IOS Release 12.1 E on the Catalyst 6500 and Cisco 7600 Supervisor Engine and MSFC* publication for complete information about the chassis, modules, and software features supported by the Catalyst 6500 series switches:

http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/ios/12.1E/native/release/notes/OL_2310.html

The Cisco IOS on the Catalyst 6500 Series Switches product supports configuration using:

- CLI—See [Chapter 2, “Command-Line Interfaces”](#)
- SNMP—Refer to the *IOS Configuration Fundamentals Configuration Guide* and *Command Reference* at this URL:
http://www.cisco.com/en/US/products/sw/iosswrel/ps1831/tsd_products_support_eol_series_home.html
- IOS web browser interface—Refer to “Using the Cisco Web Browser” in the *IOS Configuration Fundamentals Configuration Guide* and *Command Reference* at this URL:
http://www.cisco.com/en/US/products/sw/iosswrel/ps1831/tsd_products_support_eol_series_home.html
- Embedded CiscoView—See the “Configuring Embedded CiscoView Support” section on page 1-2.

Configuring Embedded CiscoView Support

These sections describe the Embedded CiscoView support available with Release 12.1(20)E and later releases:

- [Understanding Embedded CiscoView, page 1-2](#)
- [Installing and Configuring Embedded CiscoView, page 1-2](#)
- [Displaying Embedded CiscoView Information, page 1-3](#)

Understanding Embedded CiscoView

The Embedded CiscoView network management system is a web-based interface that uses HTTP and SNMP to provide a graphical representation of the switch and to provide a GUI-based management and configuration interface. You can download the Java Archive (JAR) files for Embedded CiscoView at this URL:

<http://www.cisco.com/kobayashi/sw-center/netmgmt/ciscoview/embed-cview-planner.shtml>

Installing and Configuring Embedded CiscoView

To install and configure Embedded CiscoView, perform the following steps:

	Command	Purpose
Step 1	Router# <code>dir device_name</code>	Displays the contents of the device. If you are installing Embedded CiscoView for the first time, or if the CiscoView directory is empty, skip to Step 4 .
Step 2	Router# <code>delete device_name:cv/*</code>	Removes existing files from the CiscoView directory.
Step 3	Router# <code>squeeze device_name:</code>	Recovers the space in the file system.
Step 4	Router# <code>archive tar /xtract tftp:// ip address of tftp server/ciscoview.tar device_name:cv</code>	Extracts the CiscoView files from the tar file on the TFTP server to the CiscoView directory.
Step 5	Router# <code>dir device_name:</code>	Displays the contents of the device. In a redundant configuration, repeat Step 1 through Step 5 for the file system on the redundant supervisor engine.
Step 6	Router# <code>configure terminal</code>	Enters global configuration mode.
Step 7	Router(config)# <code>ip http server</code>	Enables the HTTP web server.
Step 8	Router(config)# <code>snmp-server community string ro</code>	Configures the SNMP password for read-only operation.
Step 9	Router(config)# <code>snmp-server community string rw</code>	Configures the SNMP password for read/write operation.



Note

The default password for accessing the switch web page is the enable-level password of the switch.

For more information about web access to the switch, refer to “Using the Cisco Web Browser” in the *IOS Configuration Fundamentals Configuration Guide* at this URL:

http://www.cisco.com/en/US/docs/ios/12_1/configfun/configuration/guide/fcd105.html

Displaying Embedded CiscoView Information

To display the Embedded CiscoView information, enter the following EXEC commands:

Command	Purpose
Router# <code>show ciscoview package</code>	Displays information about the Embedded CiscoView files.
Router# <code>show ciscoview version</code>	Displays the Embedded CiscoView version.

