



Preface

Audience

This guide is for the networking professional managing the Cisco Catalyst Blade Switch 3020 for HP, referred to as the *switch*. Before using this guide, you should have experience working with the Cisco IOS software and be familiar with the concepts and terminology of Ethernet and local area networking.

Purpose

The Layer 3 switch IP base image provides Layer 2+ features including access control lists (ACLs), quality of service (QoS), static routing, EIGRP and PIM stub routing, and the Routing Information Protocol (RIP).

This guide provides the information that you need to configure Cisco IOS software features on your switch. The Cisco Catalyst Blade Switch 3020 for HP software provides enterprise-class intelligent services such as access control lists (ACLs) and quality of service (QoS) features.

This guide provides procedures for using the commands that have been created or changed for use with the Cisco Catalyst Blade Switch 3020 for HP switch. It does not provide detailed information about these commands. For detailed information about these commands, see the *Cisco Catalyst Blade Switch 3020 for HP Command Reference* for this release. For information about the standard Cisco IOS Release 12.2 commands, see the Cisco IOS documentation set available from the Cisco.com home page at **Technical Support & Documentation > Cisco IOS Software**.

This guide does not provide detailed information on the graphical user interface (GUIs) for the embedded device manager that you can use to manage the switch. However, the concepts in this guide are applicable to the GUI user. For information about the device manager, see the switch online help.

This guide does not describe system messages you might encounter or how to install your switch. For more information, see the *Cisco Catalyst Blade Switch 3020 for HP System Message Guide* for this release and the *Cisco Catalyst Blade Switch 3020 for HP Hardware Installation Guide*.

For documentation updates, see the release notes for this release.

Conventions

This publication uses these conventions to convey instructions and information:

Command descriptions use these conventions:

- Commands and keywords are in **boldface** text.
- Arguments for which you supply values are in *italic*.
- Square brackets ([]) mean optional elements.
- Braces ({ }) group required choices, and vertical bars (|) separate the alternative elements.
- Braces and vertical bars within square brackets ([{ | }]) mean a required choice within an optional element.

Interactive examples use these conventions:

- Terminal sessions and system displays are in `screen` font.
- Information you enter is in **boldface screen** font.
- Nonprinting characters, such as passwords or tabs, are in angle brackets (< >).

Notes, cautions, and timesavers use these conventions and symbols:



Note

Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in this manual.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Related Publications

For more information about the switch, see the Cisco Catalyst Blade Switch 3020 for HP documentation on Cisco.com:

http://www.cisco.com/en/US/products/ps6748/tsd_products_support_series_home.html



Note

Before installing, configuring, or upgrading the switch, see these documents:

- For initial configuration information, see the blade switch configuration and installation instructions in the getting started guide or the “Configuring the Switch with the CLI-Based Setup Program” appendix in the hardware installation guide.
 - For device manager requirements, see the “System Requirements” section in the release notes (not orderable but available on Cisco.com).
 - For upgrading information, see the “Downloading Software” section in the release notes.
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- *Release Notes for the Cisco Catalyst Blade Switch 3020 for HP, Cisco IOS Release 12.2(50)SE*
- *Cisco Catalyst Blade Switch 3020 for HP System Message Guide*
- *Cisco Catalyst Blade Switch 3020 for HP Software Configuration Guide*
- *Cisco Catalyst Blade Switch 3020 for HP Command Reference*
- Device manager online help (available on the switch)
- *Cisco Catalyst Blade Switch 3020 for HP Hardware Installation Guide*

- *Cisco Catalyst Blade Switch 3020 for HP Getting Started Guide*
- *Regulatory Compliance and Safety Information for the Cisco Catalyst Blade Switch 3020 for HP*
- *Cisco Small Form-Factor Pluggable Modules Installation Notes*
- These compatibility matrix documents are available from this Cisco.com site:
http://www.cisco.com/en/US/products/hw/modules/ps5455/products_device_support_tables_list.html
 - *Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix*
 - *Cisco Small Form-Factor Pluggable Modules Compatibility Matrix*
 - *Compatibility Matrix for 1000BASE-T Small Form-Factor Pluggable Modules*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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