



Preface

Audience

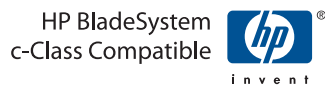
This guide is for the networking professional using the Cisco IOS command-line interface (CLI) to manage the standalone Cisco Catalyst Blade Switch 3120 for HP or blade switch stack, referred to as *the switch*. Before using this guide, you should have experience working with the Cisco IOS commands and the switch software features. Before using this guide, you should have experience working with the concepts and terminology of Ethernet and local area networking.

You install the switch in the HP BladeSystem server chassis, referred to as the *enclosure*.

Note on WS-CBS3125G-S and WS-CBS3125X-S switch models:

- The WS-CBS3125G-S is the same product as the WS-CBS3120G-S.
- The WS-CBS3125X-S is the same product as the WS-CBS3120X-S.

The functionality and the performance of WS-CBS3125 switches are same as those of WS-CBS3120 switches. All Cisco Catalyst Blade Switch 3120/3125 for HP models are HP BladeSystem c-Class compatible.



Purpose

This guide provides the information that you need about the Layer 2 and Layer 3 commands that have been created or changed for use with the switches. For information about the standard Cisco IOS Release 12.2 commands, see the Cisco IOS documentation set available from the Cisco.com home page by selecting **Technical Support & Documentation > Cisco IOS Software**.

This guide does not provide procedures for configuring your switch. For detailed configuration procedures, see the software configuration guide for this release.

This guide does not describe system messages you might encounter. For more information, see the system message guide for this release.

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 ([]) means 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 warnings 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

These documents provide complete information about the switch and are available from this Cisco.com site:

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 “Configuring the Switch Module” section 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.
 - For Network Assistant requirements, see the *Getting Started with Cisco Network Assistant*.
 - For upgrade information, see the “Downloading Software” section in the release notes.
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- *Release Notes for the Cisco Catalyst Blade Switch 3120 for HP*
- *Cisco Catalyst Blade Switch 3120 for HP Software Configuration Guide*
- *Cisco Catalyst Blade Switch 3120 for HP Command Reference*
- *Cisco Catalyst Blade Switch 3120 for HP System Message Guide*
- *Cisco Software Activation Document for HP*
- Device manager online help (available on the switch)
- *Cisco Catalyst Blade Switch 3120 for HP Hardware Installation Guide*
- *Cisco Catalyst Blade Switch 3000 Series for HP Getting Started Guide*
- *Regulatory Compliance and Safety Information for the Cisco Catalyst Blade Switch 3000 Series for HP*
- *Installation Note for the Cisco TwinGig Converter Module*
- *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 100-Megabit Ethernet SFP Modules Compatibility Matrix*
 - *Cisco Small Form-Factor Pluggable Modules Compatibility Matrix*
 - *Compatibility Matrix for 1000BASE-T Small Form-Factor Pluggable Modules*
- For information about the Network Admission Control (NAC) features, see the *Network Admission Control Software Configuration Guide*

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>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.

