



Preface

Audience

This guide is for the networking or computer technician responsible for installing the Cisco Catalyst Blade Switch 3120 for HP, referred to as the *switch module*, in the HP c-Class BladeSystem server enclosure, referred to as the *HP blade enclosure*. We assume that you are familiar with the concepts and terminology of Ethernet and local area networking. If you are interested in more training and education in these areas, learning opportunities including training courses, self-study options, seminars, and career certifications programs are available on the Cisco Training & Events web page:

<http://www.cisco.com/web/learning/index.html>

Purpose

This guide describes the hardware features of the Cisco Catalyst Blade Switch 3120 for HP. It describes the physical and performance characteristics of the switch module, explains how to install it in the server enclosure, and provides troubleshooting information.

This guide does not describe system messages that you might receive or how to configure your switch module. For more information, see the switch software configuration guide, the switch command reference, and the switch system message guide on the Cisco.com Product Documentation home page at:

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

Organization

This guide is organized into these chapters:

[Chapter 1, “Product Overview,”](#) is a physical and functional overview of each of the switch modules, including descriptions of the ports, the supported standards, and the LEDs.

[Chapter 2, “Switch Installation,”](#) contains the procedures on how to install the switch module in the server enclosure and how to make port connections.

[Chapter 3, “Troubleshooting,”](#) describes how to identify and resolve some of the problems that might arise when you install the switch module.

[Appendix A, “Technical Specifications,”](#) lists the physical and environmental specifications for the switch modules and the regulatory agency approvals.

Appendix B, “Connector and Cable Specifications,” describes the connectors, cables, and adapters that can be used to connect to the switch module.

Appendix C, “Configuring the Switch with the CLI-Based Setup Program,” has an installation and setup procedure for a standalone switch module.

Conventions

This document uses these conventions and symbols for notes, cautions, and warnings:



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.



Warning

IMPORTANT SAFETY INSTRUCTIONS

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. SAVE THESE INSTRUCTIONS (Statement 1071)

The safety warnings for this product are translated into several languages in the *Regulatory Compliance and Safety Information for the Cisco Catalyst Blade Switch 3000 Series for HP* that ships with the product. The EMC regulatory statements are also included in that guide.

Related Publications

These documents provide complete information about the switch module and are available from this Cisco.com site (they are not orderable):

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

- *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*
- *Release Notes for the Cisco Catalyst Blade Switch 3120 for HP*



Note

Before installing, configuring, or upgrading the switch module, see the release notes on Cisco.com for the latest information.

- *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*
- 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, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>

