



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 3130 for Dell 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 Dell M1000e blade server chassis, referred to as the *enclosure*.

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 > 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/ps8742/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 (not orderable but available on Cisco.com).
- For Network Assistant requirements, see the *Getting Started with Cisco Network Assistant* (not orderable but available on Cisco.com).
- For upgrade information, see the “Downloading Software” section in the release notes.

You can order printed copies of documents with a DOC-xxxxxx= number from the Cisco.com sites and from the telephone numbers listed in the URL referenced in the [Obtaining Documentation and Submitting a Service Request](#) section.

- *Release Notes for the Cisco Catalyst Blade Switch 3130 for Dell* (not orderable but available on Cisco.com)
- *Cisco Catalyst Blade Switch 3130 for Dell Software Configuration Guide* (not orderable but available on Cisco.com)
- *Cisco Catalyst Blade Switch 3130 for Dell Command Reference* (not orderable but available on Cisco.com)
- *Cisco Catalyst Blade Switch 3130 for Dell System Message Guide* (not orderable but available on Cisco.com)
- *Cisco Software Activation Document for Dell*

- Device manager online help (available on the switch)
- *Cisco Catalyst Blade Switch 3130 for Dell and Cisco Catalyst Blade Switch 3032 for Dell Hardware Installation Guide* (not orderable but available on Cisco.com)
- *Cisco Catalyst Blade Switch 3130 for Dell and Cisco Catalyst Blade Switch 3032 for Dell Getting Started Guide* (not orderable but available on Cisco.com)
- *Regulatory Compliance and Safety Information for the Cisco Catalyst Blade Switch 3000 Series for Dell* (not orderable but available on Cisco.com)
- Device manager online help (available on the switch)
- *Getting Started with Cisco Network Assistant* (not orderable but available on Cisco.com)
- *Release Notes for Cisco Network Assistant* (not orderable but available on Cisco.com)
- *Installation Note for the Cisco TwinGig Converter Module* (order number DOC-7817572=)
- *Cisco Small Form-Factor Pluggable Modules Installation Notes* (order number DOC-7815160=)
- 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* (not orderable but available on Cisco.com)
 - *Cisco 100-Megabit Ethernet SFP Modules Compatibility Matrix* (not orderable but available on Cisco.com)
 - *Cisco Small Form-Factor Pluggable Modules Compatibility Matrix* (not orderable but available on Cisco.com)
 - *Compatibility Matrix for 1000BASE-T Small Form-Factor Pluggable Modules* (not orderable but available on Cisco.com)
- For information about the Network Admission Control (NAC) features, see the *Network Admission Control Software Configuration Guide* (Not orderable but available on Cisco.com)

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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