



Preface

Audience

This guide is for the networking professional managing the Catalyst 3750 Metro switch, hereafter 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 Catalyst 3750 Metro switch supports a set of service-provider features, including multiprotocol label switching (MPLS), Ethernet over MPLS (EoMPLS), hierarchical QoS, 802.1Q tunneling, and VLAN mapping. It also supports Layer 2+ features such as access control lists (ACLs) and quality of service (QoS) and Layer 3 features such as IP unicast routing, IP multicast routing, and fallback bridging.

This guide provides procedures for using the commands that have been created or changed for use with the switch. It does not provide detailed information about these commands. For detailed information about these commands, see the *Catalyst 3750 Metro Switch 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 **Service and Support > Technical Documents**. On the Cisco Product Documentation home page, select **Release 12.2** from the Cisco IOS Software drop-down list.

This guide does not describe system messages you might encounter or how to install your switch. For more information, see the *Catalyst 3750 Metro Switch System Message Guide* for this release and to the *Catalyst 3750 Metro Switch 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

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

http://www.cisco.com/en/US/products/hw/switches/ps5532/tsd_products_support_series_home.html



Note

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

- For initial configuration information, see the “Using Express Setup” chapter or the “Configuring the Switch with the CLI-Based Setup Program” appendix in the hardware installation guide.
 - For upgrade information, see the “Downloading Software” section in the release notes.
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- *Release Notes for the Catalyst 3750 Metro Switch*
- *Catalyst 3750 Metro Switch Software Configuration Guide*
- *Catalyst 3750 Metro Switch Command Reference*
- *Catalyst 3750 Metro Switch System Message Guide*
- *Catalyst 3750 Metro Switch Hardware Installation Guide*
- *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*

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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