Preface

This preface contains information about the Cisco *ME 3800X, ME 3600X, ME 3600X-24CX Switch Command Reference, Release 15.4(1)S* document:

Changes to This Document

Table 1 lists the technical changes made to this document.

Table 1   Changes to This Document

Revision	Date	Change Summary
OL-31061-01	November 2013	Initial release of this document.

Purpose

If you have a service support contract and order a software license or if you order a switch, you receive the universal software image, available in crypto an noncrypto versions. If you do not have a service support contract, such as a SMARTnet contract, download the image from Cisco.com.

The ME 3600X supports these licenses:

- Metro IP access is the universal image.
- Advanced Metro IP access license.
- 10 Gigabit Ethernet upgrade license.

The ME 3800X supports these licenses plus a scaled license that can be installed with any of these licenses to increase the supported values for that license, for example, more MAC addresses, VLANs, IPv4 routes, and so on. You must purchase the scaled license.

- Metro Ethernet services is the universal image.

- Metro IP services license.
- Metro Aggregation services license.

For differences in feature support for each license, see the software configuration guide.

To install a software image, see the switch release notes and the "Working with the Cisco IOS File System, Configuration Files, and Software Images" chapter in the software configuration guide.

This guide provides the information you need about the Layer 2 and Layer 3 commands that have been created or changed for use with the switch. For information about the standard Cisco IOS commands, see Master Index for Cisco IOS Software Release 15.3.

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

Audience

This guide is for the networking professional using the Cisco IOS command-line interface (CLI) to manage the Cisco Metro Ethernet (ME) 3800X and ME 3600X switches, hereafter referred to as *the switch*. Before using this guide, you should have experience working with the Cisco IOS commands and the switch software features. You should also have experience working with the concepts and terminology of Ethernet and local area networking.

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 these Cisco.com sites:

ME 3800X switch:
http://www.cisco.com/en/US/products/ps10965/tsd_products_support_series_home.html

ME 3600X switch:

http://www.cisco.com/en/US/products/ps10956/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 with the CLI-Based Setup Program" appendix in the hardware installation guide.

- For upgrading information, see the "Downloading Software" section in the release notes.

- *Release Notes for the Cisco ME 3800X and ME 3600X Switch*

Note See the release notes on Cisco.com for the latest information.

- *Cisco ME 3800X and ME 3600X Switch Software Configuration Guide*
- *Cisco ME 3800X and ME 3600X Switch Command Reference*
- *Cisco ME 3800X and ME 3600X Switch Hardware Installation Guide*
- *Cisco ME 3800X and ME 3600X Switch Getting Started Guide*
- *Installation Notes for the Cisco ME 3800X and ME 3600X Switch Power-Supply and Fan Modules*
- *Regulatory Compliance and Safety Information for the Cisco ME 3800X and ME 3600X Switches*
- *Cisco Small Form-Factor Pluggable Modules Installation Notes*
- *Cisco CWDM GBIC and CWDM SFP 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 CWDM SFP Transceiver 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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