



Release Notes for the Cisco Metro 1500 Series

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This document describes the caveats for the Cisco Metro 1500 series metropolitan area network (MAN) dense wavelength division multiplexing (DWDM) documentation set.



Note

Although the software image in a new Cisco Metro 1500 series system operates correctly, later software images containing the latest upgrades and modifications are released regularly to provide you with the most optimized software available. We strongly recommend that you check for the latest released software images at the World Wide Web locations listed in the “World Wide Web” section on page 3.

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Introduction

The Cisco Metro 1500 series system is a high-performance, wavelength division multiplexer that provides bidirectional data communication. It is designed for communication over optical links in which different devices or applications are communicating over multiple fibers. Using wavelength conversion, several devices can communicate while being connected over one duplex fiber or two single fibers.

The Cisco Metro 1500 series system expands the distance and application capabilities of existing local area networks (LANs), metropolitan area networks (MANs), and storage area networks (SANs). It is protocol-independent and can support virtually any fiber-optic device.

New and Changed Information

This section lists new features that appear in this release of the Cisco Metro 1500 series.

Feature	Description
TDM 4 X ESCON wavelength channel module (WCM)	A new high-performance WCM that uses TDM technology
High-speed 850-nm multiclock WCM	A new high-performance WCM that operates in the 850-nm transmission wavelength

Caveats

This section describes the caveats in the Cisco Metro 1500 series system.

CSCdr00712

Symptom: If you hot swap the network element management interface (NEMI) module in a Cisco Metro 1500 series system, the **metro1500PSTable** entry in the SNMP table does not display “ON”. This error is intermittent; it does not happen each time you hot swap a NEMI.

Workaround: Wait until the SNMP daemon polls all the entries.

Restrictions

The following restrictions apply to the Cisco Metro 1500:

- The Cisco Metro 1500 series system does not support the use of standard reach lasers. The specifications provided for the transmitter output power, link loss budget, and calculated link distance of the WCMs pertain only to the extended category and not to the standard category.
- The TDM 4 x ESCON wavelength channel module does not support single mode fiber.

Default Password

The default password for the root, netadmin, ppp, and user accounts is **ChgMeNOW**. For security reasons, you should change all four account passwords as soon as possible. Log in as **root** and use the **password** command to change the passwords for all the accounts.

If you do not receive a password prompt, then an unsupported adapter is being used to connect to the Cisco Metro 1500 serial port. Use only the DB-9 to RJ-45 adapter that shipped with the unit.

Related Documentation

The following documents are available for the Cisco Metro 1500 series system:

- *Cisco Metro 1500 Series Hardware Installation Guide*
Customer order number DOC-7810588=
www.cisco.com/univercd/cc/td/doc/product/mels/cmet1500/hwguide/index.htm
- *Cisco Metro 1500 Series Software Configuration Guide*
Customer order number DOC-7810590=
www.cisco.com/univercd/cc/td/doc/product/mels/cmet1500/swguide/index.htm

See the “Obtaining Documentation” section on page 3.

Obtaining Documentation

The following sections provide sources for obtaining documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at the following sites:

- <http://www.cisco.com>
- <http://www-china.cisco.com>
- <http://www-europe.cisco.com>

Documentation CD-ROM

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or as an annual subscription.

Ordering Documentation

Cisco documentation is available in the following ways:

- Registered Cisco Direct Customers can order Cisco Product documentation from the Networking Products MarketPlace:
http://www.cisco.com/cgi-bin/order/order_root.pl
- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:
<http://www.cisco.com/go/subscription>

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco corporate headquarters (California, USA) at 408 526-7208 or, in North America, by calling 800 553-NETS(6387).

Documentation Feedback

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You can e-mail your comments to bug-doc@cisco.com.

To submit your comments by mail, for your convenience many documents contain a response card behind the front cover. Otherwise, you can mail your comments to the following address:

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 170 West Tasman Drive
 San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain documentation, troubleshooting tips, and sample configurations from online tools. For Cisco.com registered users, additional troubleshooting tools are available from the TAC website.

Cisco.com

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To access Cisco.com, go to the following website:

<http://www.cisco.com>

Technical Assistance Center

The Cisco TAC website is available to all customers who need technical assistance with a Cisco product or technology that is under warranty or covered by a maintenance contract.

Contacting TAC by Using the Cisco TAC Website

If you have a priority level 3 (P3) or priority level 4 (P4) problem, contact TAC by going to the TAC website:

<http://www.cisco.com/tac>

P3 and P4 level problems are defined as follows:

- P3—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- P4—You need information or assistance on Cisco product capabilities, product installation, or basic product configuration.

In each of the above cases, use the Cisco TAC website to quickly find answers to your questions.

To register for Cisco.com, go to the following website:

<http://www.cisco.com/register/>

If you cannot resolve your technical issue by using the TAC online resources, Cisco.com registered users can open a case online by using the TAC Case Open tool at the following website:

<http://www.cisco.com/tac/caseopen>

Contacting TAC by Telephone

If you have a priority level 1 (P1) or priority level 2 (P2) problem, contact TAC by telephone and immediately open a case. To obtain a directory of toll-free numbers for your country, go to the following website:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

P1 and P2 level problems are defined as follows:

- P1—Your production network is down, causing a critical impact to business operations if service is not restored quickly. No workaround is available.
- P2—Your production network is severely degraded, affecting significant aspects of your business operations. No workaround is available.

This document is to be used in conjunction with the documents listed in the “Related Documentation” section.

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