



Cisco ONS 15327 SONET

Software Release 1.0.2

Introduction

The Cisco ONS 15327 metro optical transport platform delivers supercharged SONET, integrated optical networking, unprecedented multiservice interfaces and radical economic benefits for today's ever-changing networks. The inherent flexibility of the Cisco ONS 15327 enables service providers to economically migrate their networks to meet today's market demands.

The ONS 15327 leverages Synchronous Optical Network (SONET) technology to support the service providers need for network reliability and support for the TDM traffic base, while integrating data technologies to efficiently aggregate and transport frame-, packet-, and cell-based traffic over a single, converged network. Changing traffic requirements are not the only service provider challenge. The Cisco ONS 15327 solution is engineered to be simple to configure and order, quick to install, and easy to provision, providing lower long-term cost of ownership and operation.

ONS 15327 Release 1.0.2. Issue Resolutions

The Cisco ONS 15327 solution is deployed in a wide variety of customer networks in multiple applications. Customer feedback and Cisco's testing group help identify areas of improvement, which ultimately drives the constant evolution of the product and its functionality. The Cisco ONS 15327 Release 1.0.2. system software is designed to further strengthen the overall software code base. R.1.0.2.is a maintenance release that resolves the following notable system issue.

DDTS # CSCdw16886

Under some circumstances, CTC enters a condition whereby the CPU remains at 100 percent utilization for the platform on which it is running (it is normal for the CPU to undergo brief periods of 100 percent utilization). For a network to be vulnerable to this issue, it must contain ONS 15327s of, at least 8 nodes and the node acting as the CTC host (GNE) must be one of the following:

- ONS 15327 Release 1.0
- ONS 15327 Release 1.0.1
- ONS 15454 Release 3.0
- ONS 15454 Release 3.0.1
- ONS 15454 Release 3.0.2
- ONS 15454 Release 3.0.3
- ONS 15454 Release 3.1

For additional details regarding R1.0.2 resolutions, consult the Release Notes for Cisco ONS 15327 Release 1.0.2. at the following URL:
http://www.cisco.com/en/US/products/hw/optical/ps2001/prod_release_notes_list.html

Backward Compatibility

All previously released Cisco ONS 15327 interface and common control hardware is compatible with this software load. Before inserting a new node into an operating ring or linear network, all existing Cisco ONS 15327 nodes connected via optical SDCC interfaces should be upgraded to a consistent level of system software to ensure proper operation.

Availability

The Cisco ONS 15327 Release 1.0.2 system software is orderable now with shipments beginning Feb 22nd, 2002.

Ordering Information

The Cisco ONS 15327 Release 1.0.2 system can be ordered from your Cisco sales representative or through Cisco's on-line ordering tool. Specific product codes and descriptions are detailed below.

Product Code	Description
15327-R1.0.2SW/CD=	Release 1.0.2 Feature Package, CD-ROM
SF15327-R1.0.2	Release 1.0.2 Software, pre-loaded on XTC card

More Information

For more information on the ONS 15327, go to http://www.cisco.com/en/US/products/hw/optical/ps2001/prod_literature.html



Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

European Headquarters
Cisco Systems Europe
11, Rue Camille Desmoulins
92782 Issy-les-Moulineaux
Cedex 9
France
www-europe.cisco.com
Tel: 33 1 58 04 60 00
Fax: 33 1 58 04 61 00

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-7660
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
Capital Tower
168 Robinson Road
#22-01 to #29-01
Singapore 068912
www.cisco.com
Tel: 65 317 7777
Fax: 65 317 7799

Cisco Systems has more than 200 offices in the following countries and regions. Addresses, phone numbers, and fax numbers are listed on the
Cisco Web site at www.cisco.com/go/offices

Argentina • Australia • Austria • Belgium • Brazil • Bulgaria • Canada • Chile • China PRC • Colombia • Costa Rica • Croatia
Czech Republic • Denmark • Dubai, UAE • Finland • France • Germany • Greece • Hong Kong SAR • Hungary • India • Indonesia • Ireland
Israel • Italy • Japan • Korea • Luxembourg • Malaysia • Mexico • The Netherlands • New Zealand • Norway • Peru • Philippines • Poland
Portugal • Puerto Rico • Romania • Russia • Saudi Arabia • Scotland • Singapore • Slovakia • Slovenia • South Africa • Spain • Sweden
Switzerland • Taiwan • Thailand • Turkey • Ukraine • United Kingdom • United States • Venezuela • Vietnam • Zimbabwe

All contents are Copyright © 1992–2002 Cisco Systems, Inc. All rights reserved. Cisco, Cisco IOS, Cisco Systems, and the Cisco Systems logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries.

All other trademarks mentioned in this document or Web site are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0210R)