



Release Notes for Cisco 7200/7400 Series Manager Release 1.1 on Solaris

These release notes are for use with the Cisco 7200/7400 Series Manager Release 1.1 running on Solaris version 2.6.

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Documentation Roadmap

The following documents are provided in PDF on your product CD:

- Installing and Setting Up Cisco 7200/7400 Series Manager on Solaris
- Using Cisco 7200/7400 Series Manager



Note Adobe Acrobat Reader 4.0 or later is required.

Use these publications to learn how to install and use Cisco 7200/7400 Series Manager:

- *Installing and Setting Up Cisco 7200/7400 Series Manager on Solaris*—This guide provides information for setting up and installing Cisco 7200/7400 Series Manager software.
- *Using Cisco 7200/7400 Series Manager*—This guide provides information for using the Cisco 7200/7400 Series Manager software. It describes the system management capabilities and Fault, Configuration, Accounting, Performance, and Security (FCAPS) functionality for Cisco 7206, 7204VXR, 7206VXR, and 7401 routers.

Additional Information Online

For information about Cisco 7200/7400 Series Manager supported devices, refer to the following URL, or check the documentation on Cisco.com for the correct location:

http://www.cisco.com/univercd/cc/td/doc/product/rtrmgmt/cerm/cerm1_1/cerm_spt.htm

Documentation Errata

Please note the following on page 2-13 of *Installing and Setting Up Cisco 7200/7400 Series Manager on Solaris*:

- Disregard Step 3 and proceed to Step 4
- In Step 4, run the uninstall script by entering
`CEMF_ROOT/bin/cemf install -r`

**Caution**

The command `CEMF_ROOT/bin/cemf install -r` is not recommended as it might remove certain shared packages that are required by other Element Managers installed.

To uninstall Cisco 7200/7400 Series Manager Software:

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- Step 1** Log in as root.
- Step 2** Go to the CERM install directory. This directory contains CERM install files extracted from Cisco.com.
- Step 3** Run the uninstall script by entering:
`./cerminstall -r`
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Please note the following on page 1-22 of *Cisco 7200/7400 Series Manager User Guide*:

Card Type Not Set

This state applies only to voice cards. It indicates that the voice card has been discovered and commissioned but is not configured.

A voice card must be configured as a T1 or E1 card. This is not possible until the card is commissioned. When the voice card is discovered and commissioned, it is placed in the Card Type Not Set state until the configuration is saved. After the card is configured, it is moved to the appropriate state (typically Normal).

Please note the following on page 2-14 of *Cisco 7200/7400 Series Manager User Guide*:

- In “Configuring Voice Cards,” paragraph 1, sentence 2, disregard “but they are not successfully commissioned.”
- In “Configuring Voice Cards”, paragraph 1, sentence 3, read as: “If the card type is not configured, voice cards are placed in the Card Type Not Set state, and the interfaces in the cards are placed in the Lost Comms state.”

Known and Resolved Problems

Known problems are unexpected behaviors or defects in *Cisco 7200/7400 Series Manager* software releases. They are graded according to severity level. These release notes contain information for severity levels 1, 2, and 3.

You can search for problems using the Cisco bug tracking tool, Bug Navigator II. To access Bug Navigator:

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- Step 1** Log into Cisco.com.
- Step 2** Select **Service & Support > Technical Support Help—Cisco TAC > Tool Index**.
- Step 3** In the Jump to: links at the top of the page, click the letter **S**.
- Step 4** Select **Software Bug Toolkit/Bug Watcher > Bug Navigator II**.
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You can also access Bug Navigator by entering the following URL in your web browser: <http://www.cisco.com/support/bugtools>.

[Table 1](#) describes the problems known to exist in this release; [Table 2](#) describes the problems resolved since the last release of Cisco 7200/7400 Series Manager on Solaris.

Table 1 Cisco 7200/7400 Series Manager Known Problems

Bug ID	Summary	Explanation
CSCdu32799	Print function does not work in IP, Ethernet, and ATM configuration windows.	To work around the problem, paste a screenshot of the configuration window into another application and then print it.
CSCdu32817	Chassis Configuration window does not display updated information.	Updated chassis information is not displayed after selecting CERM Management > Physical > Chassis > Configuration . Refer to <i>Using Cisco 7200/7400 Series Manager</i> for a listing of relevant fields.
CSCdu37159	Unable to commission power supply module when deployed manually.	The option to manually deploy power supplies is available; the option to manually commission power supplies is not. As a result, power supplies may not be discovered properly. To work around problem, commission the chassis.
CSCdu41694	POS interfaces discovered as generic SNMP interfaces.	Problem occurs because router is not providing expected SONET layer support. Therefore, Cisco 7200/7400 Series Manager provides only available functionality (in this case, Generic and IP functionality).
CSCdu61481	7200/7400 Series Element Manager does not support all fields displayed in ATM dialog boxes.	Since Cisco 7200/7400 routers do not fully support ATM MIBs, the 7200/7400 Series Element Manager cannot support every field displayed in the following dialog boxes: <ul style="list-style-type: none"> • ATM Configuration • ATM Fault Management • ATM Status • ATM PVC Status Refer to <i>Using Cisco 7200/7400 Series Manager</i> , which specifies the attributes supported by the Element Manager.

Table 1 Cisco 7200/7400 Series Manager Known Problems (continued)

Bug ID	Summary	Explanation
CSCdv68771	Uninstallation of CERM using the script <i>cemfinstall -r</i> results in removal of certain shared packages.	Uninstalling CERM or CGM using script <code>cemf install -r</code> uninstalls certain shared packages. To work around problem in CERM: <ol style="list-style-type: none"> 1. Log in as root. 2. Go to CERM install directory. 3. Run command <code>./cerminstall -r</code>
CSCdv75154	When EMS is installed on an operational setup (with EMS already installed and objects already deployed), objects of the second EM could not be deployed under the same site.	To work around problem: <ol style="list-style-type: none"> 1. Install the second EM. 2. Create a hierarchy, similar to the existing physical view hierarchy, in the technology view of the second EM.
CSCdv17064	Layer 3 QoS functionality should not be available for voice cards.	Layer 3 QoS does not apply to voice cards and their interfaces. Currently no workaround is available.
CSCdv29627	IP configuration on voice card interfaces fails.	When you try to save the IP configuration on voice card interfaces, the IP Failure Information window appears. Currently no workaround is available.
CSCdv79724	Save button should not be highlighted without management info set.	Save button is highlighted even if you have not set the management info. However, you can save the configuration only if you set the management info.
CSCdv87091	DS1 configuration can be done without router authentication info.	When the Cisco 7200/7400 Series Manager establishes a telnet session with the router for any CLI operation, it maintains the session for some time, even after the session is closed. During this period, even if the device is deleted and redeployed, DS1 configuration can be done without setting the management info.

Table 1 Cisco 7200/7400 Series Manager Known Problems (continued)

Bug ID	Summary	Explanation
CSCdv87954	No linkUp trap displayed for voice interfaces.	When DS1 interface is shut down, <i>Link <link number> down status</i> is displayed in the event browser. But when a “no shut” is done on the same interface, <i>Link <link number> up status</i> is not displayed. Currently no workaround is available.
CSCdt89681	No value is displayed in ATM PVC Performance dialog.	Because Cisco 7200/7400 routers do not fully support ATM MIBs, the Cisco 7200/7400 Series Manager cannot support any field displayed in PVC Performance dialog box. Currently no workaround is available.
CSCdu57577	Commission on I/O cards leaves interface in commissioning state	When the I/O cards are deployed manually, the interfaces under the I/O cards are created. When the card is commissioned, it moves to commissioning state, but the interface for IO2FE, IOGEE, and IO remains in the commissioning state. For IOFE card interfaces, mismatched state is displayed. To work around problem, use autodiscovery.
CSCdu57683	Deployment of IO GE+E card creates Ethernet interface 0/1	Subchassis discovery creates nonexisting interface 0/1. Currently no workaround is available.
CSCdv10222	CAR policy status is not dynamically updated	CAR policy status is not getting updated dynamically even though dynamic updates are enabled. To work around problem, apply car policy on an interface. Click any other interface and then click the interface on which the car policy was applied.
CSCdw19279	Manual deploy: interface state goes to lostcomms state	During the manual deployment of voice cards, when the card type is not set, commissioning the card makes the interface to move to lostcomms state. Currently no workaround is available.

Table 2 Cisco 7200/7400 Series Manager Resolved Problems

Bug ID	Summary	Additional Information
CSCdu36759	SONET interface for ATM-OC3-MM card is sometimes not discovered by router.	None.
CSCdu57561	Unable to perform subchassis discovery via Cisco GSR Manager (CGM) after installing Cisco 7200/7400 Series Manager on the same CEMF server.	None.
CSCdu59209	historyCriteria files not loaded during first installation of Cisco 7200/7400 Series Manager.	None.
CSCuk23895	Write Memory functionality does not work as expected after modifying fields in the ATM configuration window.	None.

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 URL:

<http://www.cisco.com>

Translated documentation is available at the following URL:

http://www.cisco.com/public/countries_languages.shtml

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, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

If you are reading Cisco product documentation on Cisco.com, you can submit technical comments electronically. Click **Feedback** at the top of the Cisco Documentation home page. After you complete the form, print it out and fax it to Cisco at 408 527-0730.

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

To submit your comments by mail, use the response card behind the front cover of your document, or write to the following address:

Cisco Systems
Attn: Document Resource Connection
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 by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

Cisco.com is a highly integrated Internet application and a powerful, easy-to-use tool that provides a broad range of features and services to help you to

- Streamline business processes and improve productivity
- Resolve technical issues with online support
- Download and test software packages
- Order Cisco learning materials and merchandise
- Register for online skill assessment, training, and certification programs

You can self-register on Cisco.com to obtain customized information and service. To access Cisco.com, go to the following URL:

<http://www.cisco.com>

Technical Assistance Center

The Cisco TAC is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two types of support are available through the Cisco TAC: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Inquiries to Cisco TAC are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

Which Cisco TAC resource you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

Cisco TAC Web Site

The Cisco TAC Web Site allows you to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to the following URL:

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

All customers, partners, and resellers who have a valid Cisco services contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to the following URL to register:

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

If you cannot resolve your technical issues by using the Cisco TAC Web Site, and you are a Cisco.com registered user, you can open a case online by using the TAC Case Open tool at the following URL:

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

If you have Internet access, it is recommended that you open P3 and P4 cases through the Cisco TAC Web Site.

Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses issues that are classified as priority level 1 or priority level 2; these classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer will automatically open a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to the following URL:

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

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled; for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). In addition, please have available your service agreement number and your product serial number.

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

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