



About This Guide

This guide provides information for setting up and installing the Cisco 12000 Manager (C12kM) application to allow you to manage Cisco 12000 series routers.

Information about this guide is presented in the following sections:

- [Audience](#)
- [Organization](#)
- [Conventions](#)
- [Obtaining Documentation](#)
- [Obtaining Technical Assistance](#)

Audience

This guide is designed as a technical resource for network managers, system administrators, network analysts, and operators with the following qualifications:

- Basic understanding of network design, operation, and terminology
- Familiarity with your own network configurations
- Basic familiarity with UNIX
- Familiarity with the *Cisco Element Management Framework Installation and Administration Guide Release 3.2 (78-12539-01)* and *Cisco Element Management Framework User Guide Release 3.2 (78-12536-01)*

Organization

Information on installing C12kM is presented in the following chapters:

[Chapter 1, “Product Overview,”](#) provides a brief overview of key features within the C12kM application.

[Chapter 2, “Installation,”](#) describes pre-installation tasks and installation procedures.

[Chapter 3, “C12kM Set Up,”](#) describes setup, configuration and starting procedures for the C12kM application.

Conventions

Conventions are presented in the following sections:

- [Command Conventions](#)
- [Example Conventions](#)
- [Document Conventions](#)

Command Conventions

Commands use these conventions:

Table 1 *Command Conventions*

Format	Description	Example
Boldface font	Commands, keywords, and user entries in text	/usr/bin
<i>Italic font</i>	Arguments for which users supply values	<i>CEMF_ROOT</i>
Square brackets ([])	Optional keywords or arguments	[?, q]
Braces ({ })	Alternative but required keywords	{yes no}
Vertical bar ()	Separator between alternative but required keywords	{yes no}
Angle brackets (<>)	Non-printing user entries (such as passwords)	<rootpassword>

Example Conventions

Examples use these conventions:

Table 2 *Example Conventions*

Format	Description	Example
Plain screen font	Onscreen displays, examples, and scripts	C12kM Manager
Bold screen font	User entries in examples and scripts	./cemf install
<i>Italic screen font</i>	User entry variables	<i>remote-host</i>
Square brackets ([])	Default responses	[tftp idle]

Document Conventions

This guide uses these conventions:

Table 3 Document Conventions

Format	Description	Example
Boldface font	Menu options, button names, and names of keys on keyboards	Exit
<i>Italic</i> font	Directories, filenames, and titles	<i>Cisco Element Management Framework User Guide Release 3.2 (78-12536-01)</i>

Notes and cautionary statements use these conventions:



Note

Means reader take note. Notes contain helpful suggestions or references to materials not contained in this manual.



Caution

Means reader be careful. You are capable of doing something that might result in equipment damage or loss of data.

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

If you are reading Cisco product documentation on the World Wide Web, you can submit technical comments electronically. Click **Feedback** in the toolbar and select **Documentation**. After you complete the form, click **Submit** to send it to Cisco.

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:

Attn Document Resource Connection
Cisco Systems, Inc.
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

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information and resources at anytime, from anywhere in the world. This highly integrated Internet application is a powerful, easy-to-use tool for doing business with Cisco.

Cisco.com provides a broad range of features and services to help customers and partners streamline business processes and improve productivity. Through Cisco.com, you can find information about Cisco and our networking solutions, services, and programs. In addition, you can resolve technical issues with online technical support, download and test software packages, and order Cisco learning materials and merchandise. Valuable online skill assessment, training, and certification programs are also available.

Customers and partners can self-register on Cisco.com to obtain additional personalized information and services. Registered users can order products, check on the status of an order, access technical support, and view benefits specific to their relationships with Cisco.

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.

