



About This Guide

This section discusses the objectives, audience, organization, and conventions of the *Cisco 2524 and Cisco 2525 Router User Guide*.

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Document Objectives

This publication will step you through initial site preparation, installation, configuration, and troubleshooting of the Cisco 2524 and Cisco 2525 routers. It also covers selected maintenance procedures.

Audience

This publication is designed for the person installing the router, who should be familiar with electronic circuitry and wiring practices and have experience as an electronic or electromechanical technician.

For more advanced configurations, refer to the *Router Products Configuration Guide* and *Router Products Command Reference* publications for Cisco Internetwork Operating System (Cisco IOS) Release 11.0 and earlier releases. Refer to the *Configuration Fundamentals Configuration Guide* and *Configuration Fundamentals Command Reference* publications for Cisco IOS Release 11.1 and later releases.

Document Organization

The major sections of this user guide are as follows:

- Chapter 1, “Overview of the Cisco 2524 and Cisco 2525 Routers,” discusses the features and specifications of the routers.
- Chapter 2, “Preparing to Install the Cisco 2524 and Cisco 2525 Routers,” discusses environmental requirements and preparation for network connections, and describes the various ports and how to prepare for connections between networks and ports.
- Chapter 3, “Installing the Cisco 2524 and Cisco 2525 Routers,” includes basic installation information and discusses making connections to your LAN, WAN, console terminal, and modem.
- Chapter 4, “Configuring the Cisco 2524 and Cisco 2525 Routers,” discusses how to configure the routers using configuration mode, AutoInstall, or the prompt-driven System Configuration Dialog.
- Appendix A, “Maintaining the Cisco 2524 and Cisco 2525 Routers,” discusses maintenance procedures, including installing WAN modules, upgrading the boot Flash memory, upgrading the DRAM SIMM, replacing the system-code SIMMs, recovering lost passwords, changing the virtual configuration register settings, and copying a new system image to Flash memory.
- Appendix B, “Troubleshooting the Cisco 2524 and Cisco 2525 Routers,” provides troubleshooting procedures for the routers, such as reading the LEDs and running diagnostic tests.
- Appendix C, “Cabling Specifications for the Cisco 2524 and Cisco 2525 Routers,” provides pinouts for the router ports and cables.
- Appendix D, “Translated Safety Warnings,” contains translations in multiple languages of the warnings that appear in this manual.

Document Conventions

This publication uses the following conventions to convey instructions and information.

Command descriptions use these conventions:

- Commands and keywords are in **boldface** font.
- Variables for which you supply values are in *italic* font.
- Elements in square brackets ([]) are optional.
- Alternative but required keywords are grouped in braces ({ }) and are separated by vertical bars (|).

Examples use these conventions:

- Terminal sessions and information the system displays are in `screen` font.
- Information you enter is in **boldface screen** font.
- Nonprinting characters are in angle brackets (< >).
- Default responses to system prompts are in square brackets ([]).

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



Timesaver Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Caution Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

Document Conventions



Warning This warning symbol means *danger*. You are in a situation that could cause bodily injury. Before you work on any equipment, you must be aware of the hazards involved with electrical circuitry and familiar with standard practices for preventing accidents. (To see translated versions of this warning, refer to the appendix “Translated Safety Warnings.”)