



About This Guide

This section discusses the audience, organization, conventions, and terms and acronyms used in this guide. It also discusses related documentation and how to access electronic documentation.

Audience

This guide is intended for network administrators who have at least some experience configuring routers. This guide discusses how to configure the Cisco 805 router using the command-line interface (CLI) only. If you prefer not to use the CLI or are an inexperienced network administrator, Cisco recommends using the Cisco 805 Fast Step software to configure your router.

Organization

This guide contains the following information:

- **About this Guide**—Describes audience, organization, conventions, terms and acronyms, related documentation, and how to access electronic documentation.
- **Overview**—Provides overviews of the Cisco 805 router, sample networks in which the router is commonly used, and router configuration options.
- **Cisco IOS Basic Skills**—Describes what you need to know about the Cisco IOS software before you begin to configure it.
- **Configuring Remote Office to Corporate Office Networks**—Describes how to configure five commonly used remote-office-to-corporate-office networks.

- **Configuring Small Office to ISP Networks**—Describes how to configure three commonly used small-office-to-ISP networks.
- **Advanced Features**—Describes how to configure advanced features, such as Network Address Translation (NAT) overload, in your remote-office-to-corporate-office and small-office-to-ISP networks.
- **Troubleshooting**—Leads you through a troubleshooting checklist to determine the problem with your router. Also provides a solution to each problem.
- **ROM Monitor**—Describes the system software, its parameters and commands, and how to perform various tasks with it. Examples of tasks include deleting files from the Flash memory and configuring the router to boot from a Trivial File Transfer Protocol (TFTP) server.
- **Upgrading the Software**—Explains how to upgrade the version of Cisco IOS software running on your router.
- **Concepts**—Provides a comparison of available IP routing protocols and Point-to-Point Protocol (PPP) authentication protocols. Also provides information on the dialer profiles feature.
- **Connecting Cisco Equipment to Other Vendor Equipment**—Provides information on connecting your Cisco 805 router to routers manufactured by other vendors.
- **Recovering a Lost Enable Password**—Explains how to recover an enable password.
- **Common Port Assignments**—Describes the currently assigned Transmission Control Protocol (TCP) and User Datagram Protocol (UDP) port numbers.

Conventions

This section describes the conventions used in this guide.

- The carat character (^) represents the Control key.

For example, the key combinations ^D and Ctrl-D are equivalent. Both mean hold down the Control key while you press the D key. Keys are indicated in capitals but are not case sensitive.

Command descriptions use these conventions:

- Commands and keywords are **boldface**.
- Variables for which you supply values are *italic*.
 - Elements in square brackets ([]) are optional.
 - Alternative but required keywords are grouped in braces ({}) and separated by vertical bars (|).
- Examples use these conventions:
 - Terminal sessions and sample console screen displays are in `screen` font.
 - Information you enter is in **boldface screen** font.
 - Nonprinting characters, such as passwords, 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 additional information and material.



Timesaver This symbol means *the described action saves time*. You can save time by performing the action described in the paragraph.



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

Terms

This section defines terms used in this guide.

dial-up line

A serial line that activates only when you need to access your WAN or when the router needs to send updates to other networking devices.

encapsulation

The wrapping of data in a particular protocol header.

Interface

A logical interface that you must configure to make the device attached to the port work.

partially meshed Frame Relay topology

A topology where each router is not directly connected to every other router.

port

A physical port on the router back panel.

private IP address

An address that is not assigned by the Network Information Center (NIC) or an Internet service provider (ISP) and is therefore not globally unique.

public IP address

A globally unique address assigned by the NIC or an ISP.

static routes

A user-defined route to reach a particular destination.

Related Documentation

In addition to the *Cisco 805 Router Software Configuration Guide*, the Cisco 805 documentation set includes the following:

- *Quick Start Guide—Setting Up the Cisco 805 Router*
- *Cisco 805 Router Hardware Installation Guide*

References to Cisco IOS Documentation Set

This guide contains references to the Cisco IOS documentation set. You can access it in the following ways:

- On the Documentation CD-ROM, select **Cisco Product Documentation**, select **Cisco IOS Software Configuration**, click **Cisco IOS Release 12.0**, and select one of the displayed links to find the desired document or feature.
- On CCO, go to **Service and Support**, and select **Technical Document**. Next, select **Cisco Product Documentation**, select **Cisco IOS Software Configuration**, click **Cisco IOS Release 12.0**, and select one of the displayed links to find the desired document or feature.

Accessing Electronic Documentation

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more current than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription. You can also access Cisco documentation on the World Wide Web at <http://www.cisco.com>, <http://www-china.cisco.com>, or <http://www-europe.cisco.com>.

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