



About This Guide

This preface discusses the audience, organization, and conventions used in this guide. It also provides information on how to access this guide and other Cisco documentation on the Documentation CD-ROM.

This document provides software configuration information for the following Cisco routers:

- Cisco 826 router and Cisco SOHO 76 router
- Cisco 827 router and Cisco SOHO 77 router
- Cisco 828 router and Cisco SOHO 78 router
- Cisco 831 router and Cisco SOHO 91 router
- Cisco 836 router and Cisco SOHO 96 router
- Cisco 837 router and Cisco SOHO 97 router

Audience

This guide is intended for network administrators whose backgrounds vary from having no or little experience configuring routers to having a high level of experience. You can use this guide in the following ways:

- You have configured the software using the Cisco Router Web Setup tool, and want to configure additional advanced software features using the command-line interface (CLI).
- You want to configure the software using only the CLI.



Note

Cisco recommends that inexperienced network administrators use the Cisco Router Web Setup tool to configure their routers.

Refer to the “[Organization](#)” section of this preface to help you decide which chapter(s) contains the information you need to configure your software.

Organization

This guide contains the following information:

- [Chapter 1, “Concepts”](#)—Provides general concept explanations of features.
- [Chapter 2, “Network Scenarios”](#)—Describes five Internet access scenarios and one voice scenario, each featuring the Cisco 827 router, with their specific network topologies and configurations.
- [Chapter 3, “Basic Router Configuration”](#)—Explains basic router configuration, feature by feature.
- [Chapter 4, “Advanced Router Configuration”](#)—Explains advanced router configuration features.
- [Chapter 5, “Troubleshooting”](#)—Provides information on identifying and solving problems with the ADSL line and the telephone interface. Also explains how to recover a lost software password.
- [Appendix A, “Cisco IOS Basic Skills”](#)—Explains what you need to know about the Cisco IOS software before you begin to configure it.
- [Appendix B, “ROM Monitor”](#)—Describes the use of the ROM Monitor (ROMMON) utility.
- [Appendix C, “Common Port Assignments”](#)—Describes the currently assigned Transmission Control Protocol (TCP) and User Datagram Protocol (UDP) port numbers.

Conventions

This guide uses the following conventions for instructions and information.

Notes, Cautions, and Timesavers

Notes, cautions and time-saving tips use the following conventions and symbols.



Note

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



Caution

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



Timesaver

This symbol means *the described action saves time*.

Command Conventions

Table 1 describes the command syntax used in this document.

Table 1 Conventions

Convention	Description
boldface	Commands and keywords.
<i>italic</i>	Command input that is supplied by you.
[]	Optional keywords and default responses to system prompts appear within square brackets.
{x x x}	A choice of keywords (represented by x) appears in braces separated by vertical bars. You must select one.
^ or Ctrl	Represent the key labeled <i>Control</i> . For example, when you read ^D or <i>Ctrl-D</i> , you should hold down the Control key while you press the D key.
screen font	Examples of information displayed on the screen.
boldface screen font	Examples of information that you must enter.

Related Documents

The following publications provide related information on this product:

- Cisco 826 and Cisco SOHO 76 routers:
 - *Cisco 826 and Cisco SOHO 76 Routers Hardware Installation Guide*—Provides detailed instructions for installing Cisco 826 and Cisco SOHO 76 routers.
 - *Cisco 826 and Cisco SOHO 76 Router Cabling and Setup Quick Start Guide*—Provides instructions for quickly cabling and powering up Cisco 828 and SOHO 78 routers.
- Cisco 827 and Cisco SOHO 77 routers:
 - *Cisco 827 Routers Hardware Installation Guide*—Provides detailed instructions for installing the Cisco 827 and Cisco SOHO 77 routers.
 - *Quick Start Guide - Installing Your Cisco 827 Routers*—Provides instructions for quickly cabling and powering up Cisco 827 and Cisco SOHO 77 routers.
- Cisco 828 and SOHO 78 routers:
 - *Cisco 828 Router and SOHO 78 Router Hardware Installation Guide*—Provides detailed instructions for installing the Cisco 828 and SOHO 78 routers.
- Cisco 831 and SOHO 91 routers:
 - *Cisco 831 Router and SOHO 91 Router Hardware Installation Guide*—Provides detailed instructions for installing the Cisco 831 and Cisco SOHO 91 routers.
 - *Cisco 831 Router and SOHO 91 Router Cabling and Setup Quick Start Guide*—Provides detailed instructions on quickly cabling and powering up Cisco 831 and SOHO 91 routers.

- Cisco 836 and Cisco SOHO 96 routers:
 - *Cisco 836 and SOHO 96 Cabling and Setup Quick Start Guide*—Provides quick installation information on the Cisco 836 and Cisco SOHO 96 routers.
 - *Cisco 831 and SOHO 91 Hardware Installation Guide*—Provides installation information on the Cisco 836 and Cisco SOHO 96 routers.
- Cisco 837 and SOHO 97 routers:
 - *Cisco 837 Router and SOHO 97 Router Hardware Installation Guide*—Provides detailed instructions for installing the Cisco 837 and Cisco SOHO 97 routers.
 - *Cisco 837 Router and SOHO 97 Router Cabling and Setup Quick Start Guide*—Provides detailed instructions on quickly cabling and powering up Cisco 837 and SOHO 97 routers.

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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<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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