

# About This Manual

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This section discusses the objectives, audience, organization, and conventions of the *Protocol Translation Configuration Guide and Command Reference*.

## Document Objectives

This manual describes the tasks and the commands necessary to configure and maintain protocol translation in one or more of the following environments: Local Area Transport (LAT), TN3270, Serial Line Internet Protocol (SLIP) or Point-to-Point Protocol (PPP), XRemote, or TCP (Telnet). For information about routing X.25 and TCP/IP, refer to the *Router Products Configuration Guide* and the *Router Products Command Reference* publications and addenda.

## Audience

This publication is intended for users who are responsible for configuring and maintaining a router running protocol translation. This publication provides the following levels of audience support:

- A task-oriented portion that includes task overviews, expanded descriptions of tasks, and comprehensive configuration examples for less-experienced users who need to understand the tasks as well as the commands.
- A command reference portion and appendixes for experienced users who just need reference information to complete a task. This portion describes tasks only in the context of using a particular command; it does not describe how the tasks interrelate or provide comprehensive configuration examples.

All users should have prior networking experience and should be familiar with their own network topologies.

## Document Organization

This publication is divided into three main parts, each identified by a divider page, as follows:

- Part 1, “Configuring Protocol Translation”—An overview chapter and four chapters that provide task overviews, expanded descriptions of tasks, and comprehensive configuration examples.
- Part 2, “Protocol Translation Command Reference”—Four chapters that provide in-depth descriptions of the commands necessary for configuring and maintaining your router as a protocol translator. The chapters in Part 2 parallel the chapters in Part 1.
- Appendixes—Six appendixes that provide reference information related to the use of the commands.

For information on the following topics, refer to the applicable chapters in the *Router Products Configuration Guide* and the *Router Products Command Reference* publications and addenda:

- Understanding the user interface
- Loading system images, microcode images, and configuration files
- Configuring terminal sessions and modem support
- Managing the system
- Configuring interfaces
- Configuring Frame Relay
- Configuring Switched Multimegabit Data Service (SMDS)
- Configuring X.25
- Configuring TCP/IP

## Document Conventions

This publication uses the following conventions:

- Ctrl and the symbol ^ represent the key labeled *Control*.  
For example, the combination *Ctrl-D* means hold down the *Control* key while you press the *D* key.
- A string is defined as a nonquoted set of characters.  
For example, when setting up a community string for SNMP to “public,” do not use quotes around the string, or the string will include the quotation marks.

Command descriptions use these conventions:

- Vertical bars ( | ) separate alternative, mutually exclusive, elements.
- Square brackets ( [ ] ) indicate optional elements.
- Braces ( { } ) indicate a required choice.
- Braces within square brackets ( [ { } ] ) indicate a required choice within an optional element.
- **Boldface** indicates commands and keywords that are entered literally as shown.
- *Italics* indicate arguments for which you supply values; in contexts that do not allow italics, arguments are enclosed in angle brackets (< >).

Examples use these conventions:

- Examples that contain system prompts denote interactive sessions, indicating that the user enters commands at the prompt. The system prompt indicates the current command mode. For example, the prompt `CPT(config)#` indicates global configuration mode.
- Terminal sessions and information the system 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 ([ ]).
- Exclamation points (!) at the beginning of a line indicate a comment.

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

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