



About This Guide

This preface introduces the *Cisco PIX Firewall Command Reference* and contains the following sections:

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Document Objectives

This guide contains the commands available for use with the Cisco PIX Firewall to protect your network from unauthorized use and to establish Virtual Private Networks (VPNs) to connect remote sites and users to your network.

Audience

This guide is for network managers who perform any of the following tasks:

- Managing network security
- Configuring firewalls
- Managing default and static routes, and TCP and UDP services

Use this guide with the *Cisco PIX Firewall Hardware Installation Guide* and the *Cisco PIX Firewall and VPN Configuration Guide*.

Document Organization

This guide includes the following chapters:

- [Chapter 1, “PIX Firewall Software Version 6.3 Commands,”](#) provides you with a quick reference to the commands available in the PIX Firewall software.
- [Chapter 2, “Using PIX Firewall Commands,”](#) introduces you to the PIX Firewall commands, access modes, and common port and protocol numbers.
- [Chapter 3, “A through B Commands,”](#) provides detailed descriptions of all commands that begin with the letters A or B.
- [Chapter 4, “C Commands,”](#) provides detailed descriptions of all commands that begin with the letter C.
- [Chapter 5, “D through F Commands,”](#) provides detailed descriptions of all commands that begin with the letters D through F.
- [Chapter 6, “G through L Commands,”](#) provides detailed descriptions of all commands that begin with the letters G through L.
- [Chapter 7, “M through R Commands,”](#) provides detailed descriptions of all commands that begin with the letters M through R.
- [Chapter 8, “S Commands,”](#) provides detailed descriptions of all commands that begin with the letter S.
- [Chapter 9, “T through Z Commands,”](#) provides detailed descriptions of all commands that begin with the letters T through X.

Document Conventions

The PIX Firewall command syntax descriptions use the following conventions:

Command descriptions use these conventions:

- Braces ({ }) indicate a required choice.
- Square brackets ([]) indicate optional elements.
- Vertical bars (|) separate alternative, mutually exclusive elements.
- **Boldface** indicates commands and keywords that are entered literally as shown.
- *Italics* indicate arguments for which you supply values.

Examples use these conventions:

- Examples depict screen displays and the command line in *screen* font.
- Information you need to enter in examples is shown in **boldface screen** font.
- Variables for which you must supply a value are shown in *italic screen* font.

Graphic user interface access uses these conventions:

- **Boldface** indicates buttons and menu items.
- Selecting a menu item (or screen) is indicated by the following convention:
Click **Start>Settings>Control Panel**.

**Note**

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the manual.

Related Documentation

Use this document in conjunction with the PIX Firewall documentation available online at the following site:

http://www.cisco.com/en/US/products/sw/secursw/ps2120/tsd_products_support_series_home.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

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

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