About This Guide

This preface describes who should read the *Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module Command Reference*, how it is organized, and its document conventions. This preface includes the following sections:

Document Objectives

This guide contains the commands available for use with the FWSM to protect your network from unauthorized use.

You can also configure and monitor the FWSM by using ASDM, a web-based GUI application. ASDM includes configuration wizards to guide you through some common configuration scenarios, and online Help for less common scenarios. For more information, see:
http://www.cisco.com/univercd/cc/td/doc/product/netsec/secmgmt/asdm/index.htm.

Audience

This publication is for experienced network administrators who are responsible for managing network security, configuring firewalls, managing default and static routes, and managing TCP and UDP services. Use this guide with the *Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module Configuration Guide*.

Document Organization

This guide includes the following chapters:
- Chapter 1, "Using the Command-Line Interface," introduces you to the FWSM commands and access modes.

- Chapter 2, "aaa accounting command through accounting-server-group Commands," provides detailed descriptions of the **aaa accounting** through **accounting-server-group** commands.

- Chapter 3, "activation-key through auto-update timeout Commands," provides detailed descriptions of the **activation-key** through **auto-update timeout** commands.

- Chapter 4, "backup-servers through bridge-group Commands," provides detailed descriptions of the **backup-servers** through **bridge-group** commands.

- Chapter 5, "cache-time through clear capture Commands," provides detailed descriptions of the **cache-time** through **clear capture** commands.

- Chapter 6, "clear configure through clear configure xlate-bypass Commands," provides detailed descriptons of the **clear configure** through **clear configure virtual** commands.

- Chapter 7, "clear conn through clear xlate Commands," provides detailed descriptons of the **clear console-output** through **clear xlate** commands.

- Chapter 8, "client-access-rule through crl-configure Commands," provides detailed descriptons of the **client-access-rule** through **crl-configure** commands.

- Chapter 9, "crypto ca authenticate through crypto map set trustpoint Commands," provides detailed descriptons of the **crypto ca authenticate** through **crypto map set trustpoint** commands.

- Chapter 10, "debug aaa through debug sip Commands," provides detailed descriptons of the **debug aaa** through **debug sip** commands.

- Chapter 11, "default through drop Commands," provides detailed descriptons of the **default** through **drop** commands.

- Chapter 12, "eigrp log-neighbor-changes through ftp-map Commands," provides detailed descriptons of the **email** through **ftp-map** commands.

- Chapter 13, "gateway through http-map Commands," provides detailed descriptons of the **gateway** through **http-map** commands.

- Chapter 14, "icmp through im Commands," provides detailed descriptons of the **icmp** through **ignore lsamospf** commands.

- Chapter 15, "inspect ctiqbe through inspect xdmcp Commands," provides detailed descriptons of the **inspect ctiqbe** through **inspect xdmcp** commands.

- Chapter 16, "interface through issuer-name Commands," provides detailed descriptons of the **interface** through **issuer-name** commands.

- Chapter 17, "join-failover-group through kill Commands," provides detailed descriptons of the **join-failover-group** through **kill** commands.

- Chapter 18, "ldap-base-dn through log-adj-changes Commands," provides detailed descriptons of the **ldap-base-dn** through **log-adj-changes** commands.

- Chapter 19, "logging asdm through logout Commands," provides detailed descriptons of the **inspect ctiqbe** through **inspect xdmcp** commands.

- Chapter 20, "mac-address-table aging-time through multicast-routing Commands," provides detailed descriptons of the **mac-address-table** through **multicast-routing** commands.

- Chapter 21, "name through ospf transmit-delay Commands," provides detailed descriptons of the **name** through **ospf transmit-delay** commands.

- Chapter 22, "pager through pwd Commands," provides detailed descriptons of the **passwd** through **pwd** commands.

- Chapter 23, "quit through rule Commands," provides detailed descriptons of the **queue-limit** through **router-id** commands.

Document Conventions

The FWSM 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.

- Examples might include output from different platforms; for example, you might not recognize an interface type in an example because it is not available on your platform. Differences should be minor.

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

For information on modes, prompts, and syntax, see Chapter 1, "Using the Command-Line Interface."

Related Documentation

For more information, see the following documentation:

- *Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module Configuration Guide*

- *Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module Logging Configuration and System Log Messages*

- *Upgrading the Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module to Release 3.1*

- *Catalyst 6500 Series Switch and Cisco 7600 Series Router Firewall Services Module Release Notes*

- *Cisco ASDM Release Notes*

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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