



Preface

The Security Configuration document provides procedures for configuring security features, such as AAA, VSD, SSH, and so forth.

This preface describes the following aspects of this document:

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Audience

This guide is for experienced network system users.

Document Organization

This document is organized into the following chapters:

Chapter and Title	Description
Chapter 1, “Security Overview”	Describes the security features.
Chapter 2, “Managing User Accounts”	Describes how to configure user accounts.
Chapter 3, “Configuring VSD”	Describes how to configure VSD.
Chapter 4, “Configuring AAA”	Describes how to configure AAA.
Chapter 5, “Configuring RADIUS”	Describes how to configure RADIUS.
Chapter 6, “Configuring TACACS+”	Describes how to configure TACACS+.
Chapter 7, “Configuring SSH”	Describes how to configure SSH.
Chapter 8, “Configuring Telnet”	Describes how to configure Telnet.
Chapter 9, “Configuring an IP ACL”	Describes how to configure IP access control lists (ACLs) for filtering traffic.

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Chapter and Title	Description
Chapter 10, “Configuring a MAC ACL”	Describes how to configure MAC access control lists (ACLs) for filtering traffic.
Chapter 11, “Configuring Port Security”	Describes how to configure port security.
Chapter 12, “Configuring DHCP Snooping”	Describes how to configure DHCP snooping.
Chapter 13, “Configuring Dynamic ARP Inspection”	Describes how to configure Dynamic ARP Inspection.
Chapter 14, “Configuring IP Source Guard”	Describes how to configure IP Source Guard.
Chapter 15, “Disabling HTTP Server”	Describes how to disable HTTP server.
Chapter 16, “Blocking Unknown Unicast Flooding”	Describes how to block unknown unicast packet flooding (UUF) in the forwarding path.
Chapter 17, “Security Configuration Limits”	Describes configuration limits for security features.

Document Conventions

Command descriptions use these conventions:

boldface font	Commands and keywords are in boldface.
<i>italic font</i>	Arguments for which you supply values are in italics.
{ }	Elements in braces are required choices.
[]	Elements in square brackets are optional.
x y z	Alternative, mutually exclusive elements are separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.

Screen examples use these conventions:

<code>screen font</code>	Terminal sessions and information the device displays are in screen font.
<code>boldface screen font</code>	Information you must enter is in boldface screen font.
<i><code>italic screen font</code></i>	Arguments for which you supply values are in italic screen font.
< >	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

This document uses the following conventions for notes and cautions:



Note

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

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**Caution**

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

Available Documents

This section lists the documents used with the Cisco Nexus 1000 and available on [Cisco.com](http://www.cisco.com) at the following url:

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

General Information

Cisco Nexus 1000V Documentation Roadmap, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Release Notes, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Compatibility Information, Release 4.2(1)SV1(4a)

Cisco Nexus 1010 Management Software Release Notes, Release 4.2(1)SP1(3)

Install and Upgrade

Cisco Nexus 1000V Virtual Supervisor Module Software Installation Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Software Upgrade Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V VEM Software Installation and Upgrade Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1010 Virtual Services Appliance Hardware Installation Guide

Cisco Nexus 1010 Software Installation and Upgrade Guide, Release 4.2(1)SP1(3)

Configuration Guides

Cisco Nexus 1000V License Configuration Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Getting Started Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V High Availability and Redundancy Configuration Guide, Release 4.2(1)SV1(4)

Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Layer 2 Switching Configuration Guide, Release 4.2(1)SV1(4)

Cisco Nexus 1000V Port Profile Configuration Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V Quality of Service Configuration Guide, Release 4.2(1)SV1(4)

Cisco Nexus 1000V Security Configuration Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1000V System Management Configuration Guide, Release 4.2(1)SV1(4a)

Cisco Nexus 1010 Software Configuration Guide, Release 4.2(1)SP1(3)

Programming Guide

Cisco Nexus 1000V XML API User Guide, Release 4.2(1)SV1(4)

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Reference Guides

Cisco Nexus 1000V Command Reference, Release 4.2(1)SVI(4)

Cisco Nexus 1000V MIB Quick Reference

Cisco Nexus 1010 Command Reference, Release 4.2(1)SPI(3)

Troubleshooting and Alerts

Cisco Nexus 1000V Troubleshooting Guide, Release 4.2(1)SVI(4a)

Cisco Nexus 1000V Password Recovery Guide

Cisco NX-OS System Messages Reference

Virtual Security Gateway Documentation

Cisco Virtual Security Gateway for Nexus 1000V Series Switch

Virtual Network Management Center

Cisco Virtual Network Management Center

Network Analysis Module Documentation

Cisco Prime Network Analysis Module Software Documentation Guide, 5.1

Cisco Prime Network Analysis Module (NAM) for Nexus 1010 Installation and Configuration Guide, 5.1

Cisco Prime Network Analysis Module Command Reference Guide 5.1

Cisco Prime Network Analysis Module Software 5.1 Release Notes

Cisco Prime Network Analysis Module Software 5.1 User Guide

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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