



## Preface

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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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- [Document Organization, page xvii](#)
- [Document Conventions, page xviii](#)
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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
<a href="#">Chapter 1, “Security Overview”</a>	Describes the security features.
<a href="#">Chapter 2, “Managing User Accounts”</a>	Describes how to configure user accounts.
<a href="#">Chapter 3, “Configuring VSD”</a>	Describes how to configure VSD.
<a href="#">Chapter 4, “Configuring AAA”</a>	Describes how to configure AAA.
<a href="#">Chapter 5, “Configuring RADIUS”</a>	Describes how to configure RADIUS.
<a href="#">Chapter 6, “Configuring TACACS+”</a>	Describes how to configure TACACS+.
<a href="#">Chapter 7, “Configuring SSH”</a>	Describes how to configure SSH.
<a href="#">Chapter 8, “Configuring Telnet”</a>	Describes how to configure Telnet.
<a href="#">Chapter 9, “Configuring an IP ACL”</a>	Describes how to configure IP access control lists (ACLs) for filtering traffic.

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

## Document Conventions

Command descriptions use these conventions:

<b>boldface font</b>	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.
<b><code>boldface screen font</code></b>	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.

## Related Documentation

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](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)SVI(5.1)*

*Cisco Nexus 1000V Release Notes, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Compatibility Information, Release 4.2(1)SVI(5.1)*

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

### Install and Upgrade

*Cisco Nexus 1000V Installation and Upgrade Guide, Release 4.2(1)SVI(5.1)*

*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 High Availability and Redundancy Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Interface Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Layer 2 Switching Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V License Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Network Segmentation Manager Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Port Profile Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Quality of Service Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V Security Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V System Management Configuration Guide, Release 4.2(1)SVI(5.1)*

*Cisco Nexus 1000V VXLAN Configuration Guide, Release 4.2(1)SVI(5.1)*

*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)SVI(5.1)*

### Reference Guides

*Cisco Nexus 1000V Command Reference, Release 4.2(1)SVI(5.1)*

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*Cisco Nexus 1000V MIB Quick Reference*

*Cisco Nexus 1010 Command Reference, Release 4.2(1)SP1(3)*

### **Troubleshooting and Alerts**

*Cisco Nexus 1000V Troubleshooting Guide, Release 4.2(1)SV1(5.1)*

*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*

### **Virtual Wide Area Application Services (vWAAS)**

*Cisco Virtual Wide Area Application Services (vWAAS)*

### **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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