



Preface

This document, *Cisco Nexus 1000V System Management Configuration Guide, Release 4.0(4)SVI(1)*, provides procedures for managing the system.

This preface includes the following topics:

- [Audience and Prerequisites, page ix](#)
- [Document Organization, page ix](#)
- [Document Conventions, page x](#)
- [Related Documentation, page xi](#)

Audience and Prerequisites

This guide is for network administrators with the following experience and knowledge:

- An understanding of virtualization
- Using VMware tools to configure a virtual switch



Note

Knowledge of the VMware vNetwork Distributed Switch is not a requirement.

Before configuring the Cisco Nexus 1000V, it is recommended that you read and become familiar with the following documentation:

Cisco Nexus 1000V Getting Started Guide, Release 4.0(4)SVI(1)

Cisco Nexus 1000V Port Profile Configuration Guide, Release 4.0(4)SVI(1)

Cisco VN-Link: Virtualization-Aware Networking White Paper

Document Organization

This document is organized into the following chapters:

Send document comments to nexus1k-docfeedback@cisco.com.

Chapter and Title	Description
Chapter 1, “System Management Overview”	Describes the available system management features.
Chapter 2, “Configuring CDP”	Provides procedures for configuring Cisco Discovery Protocol (CDP) for sending and receive information to and from other connected devices.
Chapter 3, “Configuring the Domain”	Describes how to configure the Cisco Nexus 1000V domain, including creating the domain and assigning VLANs.
Chapter 4, “Managing Server Connections”	Describes how to create a connection and connect to a server, how to disconnect from a server, and how to view server connections.
Chapter 5, “Managing the Configuration”	Describes how to manage the configuration file.
Chapter 6, “Working with Files”	Describes how to manage files including copying and moving files.
Chapter 7, “Managing Users”	Describes how to manage users on the system including displaying current users and sending messages to users.
Chapter 8, “Configuring NTP”	Provides procedures for configuring Network Time Protocol (NTP) to synchronize timekeeping among a set of distributed time servers and clients. This synchronization allows you to correlate events when you receive system logs and other time-specific events from multiple network devices.
Chapter 9, “Configuring Local SPAN and ERSPAN”	Describes how to configure the Ethernet switched port analyzer (SPAN).
Chapter 10, “Configuring SNMP”	Describes how to configure the SNMP including users, message encryption, notifications, authentication over TCP, and so forth.
Chapter 11, “Configuring NetFlow”	Describes how to configure NetFlow.
Chapter 12, “Configuring System Message Logging”	Describes how to configure system message logging.

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.

Send document comments to nexus1k-docfeedback@cisco.com.

Screen examples use these conventions:

screen font	Terminal sessions and information the device displays are in screen font.
boldface screen font	Information you must enter is in boldface screen font.
<i>italic screen font</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.



Caution

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

Related Documentation

Cisco Nexus 1000V includes the following documents available on Cisco.com:

General Information

Cisco Nexus 1000V Release Notes, Release 4.0(4)SV1(1)

Cisco Nexus 1000V and VMware Compatibility Information, Release 4.0(4)SV1(1)

Install and Upgrade

Cisco Nexus 1000V Software Installation Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Virtual Ethernet Module Software Installation Guide, Release 4.0(4)SV1(1)

Configuration Guides

Cisco Nexus 1000V License Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Getting Started Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Interface Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Layer 2 Switching Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Port Profile Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Quality of Service Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Security Configuration Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V System Management Configuration Guide, Release 4.0(4)SV1(1)

Send document comments to nexus1k-docfeedback@cisco.com.

Cisco Nexus 1000V High Availability and Redundancy Reference, Release 4.0(4)SV1(1)

Reference Guides

Cisco Nexus 1000V Command Reference, Release 4.0(4)SV1(1)

Cisco Nexus 1000V MIB Quick Reference

Troubleshooting and Alerts

Cisco Nexus 1000V Troubleshooting Guide, Release 4.0(4)SV1(1)

Cisco Nexus 1000V Password Recovery Guide

Cisco NX-OS System Messages Reference