



Preface

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Audience

This guide is intended primarily for data center administrators with responsibilities and expertise in one or more of the following areas:

- Server administration
- Storage administration
- Network administration
- Network security

Organization

This document includes the following chapters:

Chapter	Title	Description
Chapter 1	Overview	Contains an overview of Cisco Prime Network Services Controller (Prime Network Services Controller) and provides topology examples..

Chapter	Title	Description
Chapter 2	Getting Started	Describes how to log into Prime Network Services Controller and provides an overview of a typical Prime Network Services Controller configuration workflow and the GUI.
Chapter 3	Configuring RBAC	Describes how to configure role-based access control including user locales, user roles, and locally authenticated user accounts. This chapter also describes how to monitor user sessions.
Chapter 4	Configuring Primary Authentication	Describes how to configure LDAP providers and select a primary authentication service.
Chapter 5	Configuring Trusted Points	Describes how to configure trusted points.
Chapter 6	Configuring VM Managers	Describes how to configure VM Managers.
Chapter 7	Configuring System Profiles	Describes how to configure Prime Network Services Controller policies and profiles.
Chapter 8	Configuring Tenants	Describes how to configure tenants, data centers, applications, and tiers.
Chapter 9	Configuring Service Policies and Profiles	Describes how to configure service policies and policy sets, verify policies, configure compute and edge firewall security policies, and apply profiles to service devices.
Chapter 10	Configuring Device Policies and Profiles	Describes how to configure device policies and device profiles, and associate device policies with profiles.
Chapter 11	Configuring Managed Resources	Describes how to configure managed resources including compute firewalls, edge firewalls, edge routers, and load balancers.
Chapter 12	Integrating with DCNM	Describes how to configure Prime Network Services Controller with DCNM.
Chapter 13	Configuring InterCloud Resources	Describes how to configure cloud-related policies, VM images, links, templates, and cloud VMs. This chapter also describes how to monitor InterCloud resources and status.
Chapter 14	Configuring Administrative Operations	Describes how to configure backup operations, export operations, and import operations.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands, keywords, GUI elements, and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
[]	Elements in square brackets are optional.
{x y z}	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and 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.
Courier font	Terminal sessions and information that the system displays appear in Courier font.
Bold Courier font	Information that you enter appears in bold Courier 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.



Note

Means *reader take note*.



Tip

Means *the following information will help you solve a problem*.



Caution

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

Related Documentation

Cisco Prime Network Services Controller

The following Cisco Prime Network Services Controller documents are available on [Cisco.com](http://www.cisco.com) at the following URL:

http://www.cisco.com/en/US/products/ps11213/tsd_products_support_series_home.html

- *Cisco Prime Network Services Controller 3.2 Documentation Overview*
- *Cisco Prime Network Services Controller 3.2 Release Notes*
- *Cisco Prime Network Services Controller 3.2 Quick Start Guide*
- *Cisco Prime Network Services Controller 3.2 User Guide*
- *Cisco Prime Network Services Controller 3.2 Supported Devices Table*
- *Cisco Prime Network Services Controller 3.0 CLI Configuration Guide*
- *Cisco Prime Network Services Controller 3.0 XML API Reference Guide*
- *Open Source Used in Cisco Prime Network Services Controller 3.2*

Cisco ASA 1000V Documentation

The Cisco Adaptive Security Appliance (ASA) documentation is available on [Cisco.com](http://www.cisco.com) at the following URL:

http://www.cisco.com/en/US/products/ps12233/tsd_products_support_series_home.html

Cisco Cloud Services Router 1000V Documentation

The Cisco Cloud Services Router 1000V (CSR 1000V) documentation is available on [Cisco.com](http://www.cisco.com) at the following URL:

http://www.cisco.com/en/US/products/ps12559/tsd_products_support_series_home.html

Cisco Nexus 1000V InterCloud Documentation

The Cisco Nexus 1000V InterCloud documentation is available on [Cisco.com](http://www.cisco.com) at the following URL:

http://www.cisco.com/en/US/products/ps12904/tsd_products_support_series_home.html

Cisco Nexus 1000V Series Switch Documentation

The Cisco Nexus 1000V Series switch documentation is 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

Cisco Prime Data Center Network Manager Documentation

The Cisco Prime Data Center Network Manager (DCNM) documentation is available on [Cisco.com](http://www.cisco.com) at the following URL:

http://www.cisco.com/en/US/products/ps9369/tsd_products_support_series_home.html

Cisco Virtual Security Gateway Documentation

The Cisco Virtual Security Gateway (VSG) documentation is available on [Cisco.com](http://www.cisco.com/en/US/products/ps11208/tsd_products_support_model_home.html) at the following URL:
http://www.cisco.com/en/US/products/ps11208/tsd_products_support_model_home.html

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to cpnsc-docfeedback@cisco.com. We appreciate your feedback.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*, at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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