



Preface

This preface introduces the Representational State Transfer (REST) application programming interface (API) functions for the Cisco Nexus 1000V for Microsoft Hyper-V and contains the following sections:

- [Audience, page v](#)
- [Recommended Reading, page v](#)
- [Document Organization, page vi](#)
- [Document Conventions, page vi](#)
- [Related Documentation, page vii](#)
- [Obtaining Documentation and Submitting a Service Request, page viii](#)

Audience

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

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

Recommended Reading

Before configuring the Cisco Nexus 1000V for Microsoft Hyper-V, Cisco recommends that you read and become familiar with the following documentation:

- *Cisco Nexus 1000V for Microsoft Hyper-V Installation Guide, Release 5.2(1)SM1(5.1)*
- *Cisco Nexus 1000V for Microsoft Hyper-V Port Profile Configuration Guide, Release 5.2(1)SM1(5.1)*
- *Cisco Nexus 1000V for Microsoft Hyper-V NSM Configuration Guide, Release 5.2(1)SM1(5.1)*

Document Organization

This document is organized into the following chapters:

Chapter	Description
Chapter 1, “Overview”	Provides a brief introduction on how to use the REST API.
Chapter 2, “Hypervisor API Functions”	Provides a detailed description of all of the REST API.

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:

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 additional conventions:



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

This section lists the documents used with the Cisco Nexus 1000V for Hyper-V.

General Information

Cisco Nexus 1000V for Hyper-V Release Notes

Install and Upgrade

Cisco Nexus 1000V for Hyper-V Installation Guide

Configuration Guides

Cisco Nexus 1000V for Hyper-V High Availability and Redundancy Configuration Guide

Cisco Nexus 1000V for Hyper-V Interface Configuration Guide

Cisco Nexus 1000V for Hyper-V Layer 2 Switching Configuration Guide

Cisco Nexus 1000V for Hyper-V License Configuration Guide

Cisco Nexus 1000V for Hyper-V Network Segmentation Manager Configuration Guide

Cisco Nexus 1000V for Hyper-V Port Profile Configuration Guide

Cisco Nexus 1000V for Hyper-V Quality of Service Configuration Guide

Cisco Nexus 1000V for Hyper-V Security Configuration Guide

Cisco Nexus 1000V for Hyper-V System Management Configuration Guide

Programming Guide

Cisco Nexus 1000V for Hyper-V REST API Guide

Reference and Troubleshooting Guides

Cisco Nexus 1000V for Hyper-V Command Reference

Cisco Nexus 1000V for Hyper-V Troubleshooting Guide

Virtual Services Appliance Documentation

The Cisco Nexus Virtual Services Appliance (VSA) documentation is available at http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

Virtual Security Gateway Documentation

The Cisco Virtual Security Gateway documentation is available at http://www.cisco.com/en/US/products/ps11208/tsd_products_support_model_home.html

Virtual Network Management Center

The Cisco Virtual Network Management Center documentation is available at http://www.cisco.com/en/US/products/ps11213/tsd_products_support_series_home.html

Virtual Wide Area Application Services (vWAAS)

The Virtual Wide Area Application Services documentation is available at
http://www.cisco.com/en/US/products/ps6870/tsd_products_support_series_home.html

ASA 1000V Cloud Firewall

The ASA 1000V Cloud Firewall documentation is available at
http://www.cisco.com/en/US/products/ps12233/tsd_products_support_series_home.html

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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