



Cisco Nexus 1000V and Microsoft Hyper-V Compatibility Information, Release 5.2(1) SM1(5.2b)

Published: May 9, 2014
OL-31576-01

This document provides the following Microsoft compatibility information for the Cisco Nexus 1000V.

- [Information About Software Compatibility, page 1](#)
- [Cisco Nexus 1000V Software Release Compatibility, page 2](#)
- [Identifying the Build Number on Your Host Server, page 2](#)
- [Related Documentation, page 3](#)
- [Documentation Feedback, page 4](#)
- [Obtaining Documentation and Submitting a Service Request, page 4](#)

Information About Software Compatibility

This section includes the following topics:

- [Information About Upgrading and Software Compatibility, page 1](#)
- [Information About Server Compatibility, page 2](#)

Information About Upgrading and Software Compatibility

For information about upgrading the Virtual Supervisor Module (VSM) software, see the *Cisco Nexus 1000V for Microsoft Hyper-V Installation and Upgrade Guide, Release 5.2(1)SM1(5.2b)*.



Information About Server Compatibility

The servers running the Cisco Nexus 1000V VSM and Virtual Ethernet Module (VEM) must be in the Windows server catalog. For information on the Windows server catalog, see <http://windowsservercatalog.com/>.

The Cisco Nexus 1000V is compatible with any upstream physical access layer switch that is Ethernet standard compliant, including Catalyst 6500 series switches, Cisco Nexus switches, and switches from other network vendors.

Cisco Nexus 1000V Software Release Compatibility

Table 1 shows the software compatibility for Cisco Nexus 1000V, Release 5.2(1)SM1(5.2b) that is supported by Microsoft System Center Virtual Machine Manager (SCVMM) releases.

Table 1 Microsoft Hyper-V and Cisco Nexus 1000V Software Compatibility for Release 5.2(1)SM1(5.2b)

SCVMM Version	Windows Server Versions	Cisco Nexus 1000V Release			
		Cisco Nexus 1000V 5.2(1)SM1(5.1)	Cisco Nexus 1000V 5.2(1)SM1(5.2)	Cisco Nexus 1000V 5.2(1)SM1(5.2a)	Cisco Nexus 1000V 5.2(1)SM1(5.2b)
SCVMM 2012 SP1 UR3 (3.1.6027.0) and later	Windows Server 2012 (build 9200)	Compatible	Compatible	Compatible	Compatible
SCVMM 2012 R2 (3.2.7510.0) and later	Windows Server 2012 (build 9200)	Unsupported	Compatible	Compatible	Compatible
SCVMM 2012 R2 (3.2.7510.0) and later	Windows Server 2012 R2 (build 9600)	Unsupported	Compatible	Compatible	Compatible

Identifying the Build Number on Your Host Server

This section includes the following topics:

- [Identifying the Version Number for SCVMM, page 2](#)
- [Identifying the Windows Server Operating System Version, page 3](#)

Identifying the Version Number for SCVMM

To obtain the version number for SCVMM, perform the following steps:

-
- Step 1** Open the SCVMM R2 console.
 - Step 2** On the top left ribbon menu, click **About**.
 - Step 3** The version displayed should be 3.2.7510.0

- Step 4** (Optional) Click the PowerShell icon and enter the **Get-SCVMMServer -ComputerName scvmm_server_nameProductVersion** command in the PowerShell window.
-

Identifying the Windows Server Operating System Version

To obtain the version of the windows server operating system, open a command prompt on a Windows host, and enter the **winver -v** command.

A dialog box that appears, displays the name and build number of the Windows server operating system.

Related Documentation

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

General Information

Cisco Nexus 1000V for Microsoft Hyper-V Release Notes

Install and Upgrade

Cisco Nexus 1000V for Microsoft Hyper-V Installation and Upgrade Guide

Configuration Guides

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

Cisco Nexus 1000V for Microsoft Hyper-V Interface Configuration Guide

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

Cisco Nexus 1000V for Microsoft Hyper-V License Configuration Guide

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

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

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

Cisco Nexus 1000V for Microsoft Hyper-V Security Configuration Guide

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

Programming Guide

Cisco Nexus 1000V for Microsoft Hyper-V REST API Guide

Reference and Troubleshooting Guides

Cisco Nexus 1000V for Microsoft Hyper-V Command Reference

Cisco Nexus 1000V for Microsoft 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/ps13095/tsd_products_support_series_home.html

Prime Network Services Controller

The Cisco Prime Network Services Controller documentation is available at http://www.cisco.com/en/US/partner/products/ps13213/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

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to one of the following:

nexus1k-docfeedback@cisco.com

We appreciate your feedback.

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>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Internet Protocol (IP) addresses that are used in the examples, command display output, and figures within this document are for illustration only. If an actual IP address appears in this document, it is coincidental.

© 2014 Cisco Systems, Inc. All rights reserved.