Cisco Prime DCNM Release Notes, Release 7.2

Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
http://www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

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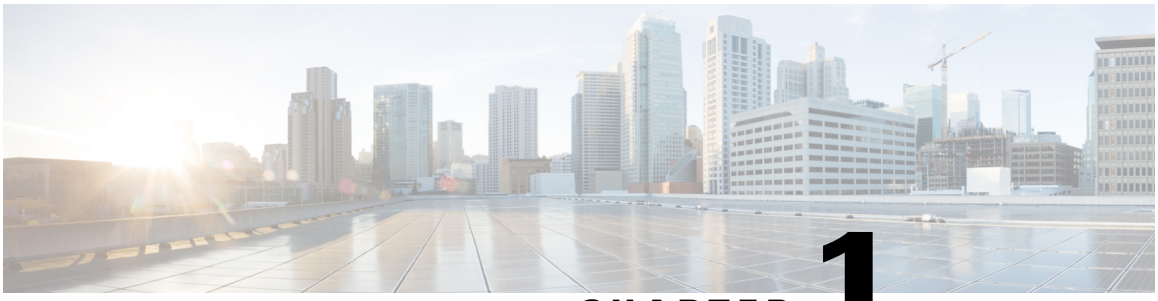


CHAPTER 1

Overview of Cisco Prime DCNM

First Published: April,2015

Last Updated: Jan, 2016

Cisco Prime Data Center Network Manager (DCNM) is a management system for the Cisco NX-OS-based Unified Fabric, including LAN and Storage (SAN), functionality. It enables you to provision, monitor, and troubleshoot data center network infrastructure. It provides visibility and control of the unified data center for you to optimize it for the quality of service (QoS) required to meet service-level agreements.

Cisco Prime DCNM, Release 7.2, is a unified release for managing LAN, SAN, and scalable fabrics, including scalable data center fabrics in the Cisco NX-OS-driven data center environment. To download the Cisco Prime DCNM software, go to www.cisco.com/go/dcnm and click **Download Software**.

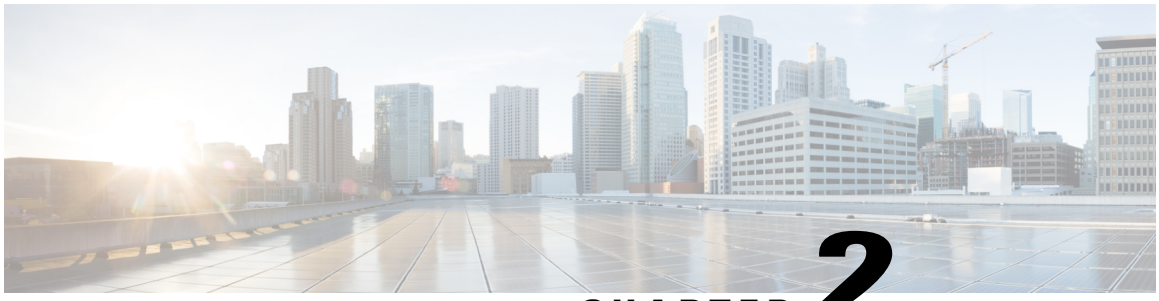
This document provides the Release Notes for Cisco Prime DCNM, Release 7.2. Use this document in combination with the documents listed in Related Documentation, on page 39.

Note Release Notes are sometimes updated with new information about restrictions and caveats. To view the most recent version of the Cisco Prime DCNM Release Notes document, see: http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-data-center-network-manager/products-release-notes-list.html

The following table shows the change history for this document.

Table 1: Change History

Date	Description
January 25, 2016	Updated Release Notes for Release 7.2(3)
November 4, 2015	Updated Release Notes for Release 7.2(2a)
September 30, 2015	Updated Release Notes for Release 7.2(2)
June 30, 2015	Created Release Notes for Release 7.2(1)



CHAPTER 2

System Requirements

This chapter lists the tested and supported hardware and software specifications for Cisco Prime Data Center Network Management (DCNM) server and client architecture. The application has been tested in English locales only.

System Requirements

This section includes the following:

Java Requirements

The Cisco Prime DCNM Server is distributed with JRE 1.7.0_72 or later. The Cisco Prime DCNM installer installs JRE 1.7.0_72 into the following directory:

```
DCNM_root_directory/java/jre1.7
```

Cisco Prime DCNM client is supported on JRE 1.7.0_76 or a later 1.7 version.

Server Requirements

Cisco Prime DCNM, Release 7.2(x), supports the Cisco Prime DCNM Server on these operating systems:

- Microsoft Windows 2008 R2 SP1

- Microsoft Windows 2008 Standalone SP2
- Microsoft Windows 2012 R2
- Red Hat Enterprise Linux Release 5.6 and 5.7
- Red Hat Enterprise Linux Release 6.3 and 6.4 (64-bit)
- OVA and ISO with integrated operating system

Cisco Prime DCNM, Release 7.2(x), supports the following databases:

- Oracle 10g, Oracle11g Express (XE), Standard, and Enterprise Editions, and Oracle 11g Real Application Clusters (RAC)
- PostgreSQL 9.4
- High-Availability internal database with Release 7.2(x)
- Oracle 12c Enterprise Edition (Conventional)–(nonpluggable installation)

Note Cisco Prime DCNM Release 7.2(x) does not support Oracle 12c pluggable database version installation.

- Oracle 12c RAC (nonpluggable installation)

Note From Cisco Prime DCNM Release 7.2(x), the database size is not limited, and increases according to the number of nodes and ports that the DCNM manages with Performance Manager Collections enabled. You cannot restrict the database size. We recommend that you use Oracle SE or Enterprise edition instead of Oracle XE due to table space limitations.

Note Customers are responsible for all the support associated with the Oracle database, including maintenance, troubleshooting, and recovery. We recommend that customers perform regular database backups, either daily or weekly, to ensure that all the data is preserved.

Cisco Prime DCNM, Release 7.2(x), supports the running of the Cisco Prime DCNM server on the following hypervisors:

- VMware ESXi 5.1
- VMware vCenter 5.1
- VMware ESXi 5.5
- VMware vCenter 5.5

Cisco Prime DCNM Server resources for LAN and SAN environments are summarized in the following table.

Table 2: Server Resources for LAN and SAN

LAN: 25 Switches and up to 1000 Ports SAN: 50 Switches and up to 2000 Ports	LAN: 100 Switches and up to 3000 Ports SAN: 200 Switches and up to 5000 Ports
Dual-core CPUs, 2 core with 2 sockets 5 GHz (or faster)	Quad-core CPUs, 2 core with 2 sockets 5 GHz (or faster)
8-GB memory, 80-GB free hard disk	• 12-GB memory, 100-GB free hard disk • 2 servers, LAN or SAN federation
Oracle 10g, Oracle11g Standard or Enterprise, Oracle 12c	Oracle11g Standard or Enterprise, Oracle 12c

Note Although it is not mandatory, we recommend that you register the server system with Domain Name Service (DNS) servers.

Client Requirements

Cisco Prime DCNM clients support Windows 7, Windows 2008, Windows 2012, and Red Hat Linux. The following table lists the minimum hardware requirements for these client systems.

Table 3: Client Hardware Requirements

Hardware	Minimum Requirements
RAM (free)	2 GB
CPU speed	2.16 GHz (or faster) with one dual-core processor or two single-core processors
Disk space (free)	4 GB

If you install Cisco DCNM in a virtual machine, you must reserve resources equal to the server resource requirements to ensure a baseline with the physical machines.

Some Cisco Prime DCNM features require a license. Before using the licensed features, you must install the Cisco Prime DCNM license.

Note Ensure that you set the correct time zone value on the client system's clock, for example, UTC. Otherwise, Cisco Prime DCNM cannot manage the switch properly.

Host Requirements

The following table lists the server resource requirements for deploying Cisco Prime DCNM, Release 7.2(x), Virtual Appliance (OVA).

Table 4: Host Requirements

Small Deployment: Up to 50 Switches	Large Deployment: More than 50 Switches
2 vCPUs, 2 GHz (or faster)	4 vCPUs, 2 GHz (or faster)
8-GB memory, 100 GB in case of thick provisioning	12-GB memory, 100 GB in case of thick provisioning

Browsers

Web browsers that support Adobe Flash 10.0 or later are qualified for use with Cisco Prime DCNM. These include Internet Explorer Version 11.0 and Firefox Version 38.0.

Other Supported Software

The following table lists other software supported by Cisco Prime DCNM, Release 7.2(x).

Table 5: Database Server System Requirements

Component	Minimum Requirements
Security	• ACS versions—5.0 to 5.8 • Telnet Disabled:SSH Version 1, SSH Version 2, Global Enforce SNMP Privacy Encryption • Web Client and Cisco Prime DCNM-SAN Server Encryption:HTTPS with TLS 1.0 only
DHCP Server	• Cisco Network Registrar 8.2

Additionally, Cisco Prime DCNM supports EMC call-home events, fabric change events, and events that are forwarded by traps and e-mail.

You can also find the below information in this chapter:

Deployment Best Practices

Keep the following guidelines in mind when deploying Cisco Prime DCNM:

- Database
  - Deploy an Oracle database on a separate server from the Cisco DCNM application server.

- Deploy an Oracle database when managing production or mission-critical environments.
- If you plan to use an Oracle 11g or Oracle 12c database, configure the Oracle database as follows:
  - Increase the number of sessions and processes to 150 each from the default of 50.
  - Increase the number of open cursors to 1000 from the default of 300.

- We recommend that you deploy Oracle11g or Oracle 12c for mission-critical production environments.

Note The password for the database expires after 180 days.

You must change the default setting by performing the following steps:

1. Log in to the Oracle database.
2. Enter the commands, as shown in this example:

```
SQL> GRANT CONNECT,RESOURCE,UNLIMITED TABLESPACE TO username IDENTIFIED by password;
Grant succeeded.
SQL> select username,password from dba_users where username='username';
SQL> ALTER PROFILE DEFAULT LIMIT
2 FAILED_LOG_ATTEMPTS UNLIMITED
3 PASSWORD_LIFE_TIME UNLIMITED;
Profile altered.
SQL> EXIT
```

- Network Time Protocol
  - We recommend that the Cisco Prime DCNM server run the Network Time Protocol (NTP) to synchronize its clock with those of the managed devices.

- General Guidelines
  - Do not deploy Cisco Prime DCNM when network latency is more then 50 ms from the switch management subnet to the Cisco Prime DCNM server and Cisco Prime DCNM database.
  - Deploy Cisco Prime DCNM on high-performance tier storage (2 to 4 ms response time).
  - Create users with the same password digest and encryption algorithm in the device (for example, Digest, MD5) and encryption algorithm (for example, DES). Cisco Prime DCNM will not authenticate the devices with different digest and encryption passwords.
  - Deploy Cisco Prime DCNM-SAN in a federation configuration when either of the following conditions is met:
    - The switch count exceeds 150 switches
    - The port count exceeds 15,000 connected ports for every management server

- Windows Operating System
  - During the initial installation, disable all security and antivirus tools that are running on your Windows servers.
  - Do not run any other management applications on the Cisco Prime DCNM server or the Cisco Prime DCNM database server.

- Virtual Machines
  - When Cisco Prime DCNM is deployed as a virtual machine, do not share CPU and memory resources with other virtual machines on the virtual host, and the data store with other virtual machines.
  - CPU and memory resource must be reserved for virtual machines.

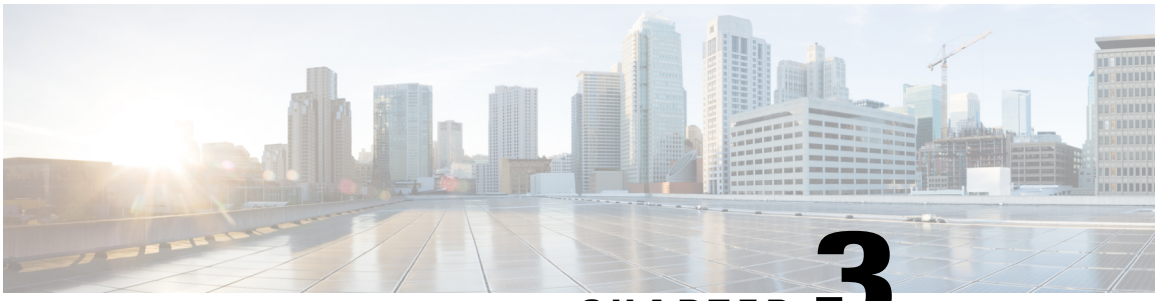
Installation Notes

The following installation notes apply to Cisco Prime DCNM, Release 7.2.x:

- The Cisco Prime DCNM Installer includes the Cisco Prime DCNM server and clients, Device Manager, SMI-S provider, PostgreSQL 8.4, and Strawberry Perl Version 5.10.
- The Cisco Prime DCNM virtual appliance includes the Cisco Prime DCNM server and clients, Device Manager, PostgreSQL, Cisco XCP, OpenLDAP, RabbitMQ, DHCPD, all of which are installed on a 64-bit CentOS.
- Upgrade support is available from Cisco Prime DCNM, Release 7.1(1), and Cisco Prime DCNM, Release 7.1(2), to Cisco Prime DCNM, Release 7.2(x).
- Upgrade support is available from Cisco Prime DCNM, Release 7.1(1), Cisco Prime DCNM, Release 7.1(2), and Cisco Prime DCNM, Release 7.2(x), to Cisco Prime DCNM, Release 7.2(2).
- On the Cisco Prime DCNM Web Client, clicking the Evaluation License URL under the **Admin > General > License > Server License Files** tab results in an***Invalid Referrer*** error message being displayed. This occurs if you have not signed out correctly during the previous instance. To resolve this, highlight the URL address in the web browser menu bar and press the **Return** key. Clear the web browser cache for the URL to work.

For information about installing Cisco Prime DCNM Release 7.2.x, see the corresponding version of the *Cisco Prime DCNM Installation Guide* at:

http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-data-center-network-manager/products-installation-guides-list.html.



CHAPTER 3

New Features and Enhancements

Cisco Prime Data Center Network Manager (DNCM), Release 7.2.x includes the new features, enhancements, and hardware support that are described in the following sections:

New Features and Enhancements in Cisco Prime DCNM, Release 7.2(3)

Cisco Prime DCNM, Release 7.2(3), includes the new features, enhancements, and hardware support that are described in the following section:

Config template Enhancements

Config templates feature allows you to assign or modify a parameter value in the template content. You can perform arithmetic operations, string manipulations and also apply CLIs based on the device state. Config template uses the Java runtime provided Java script environment to perform arithmetic operations, string manipulations in the template syntax.

VXLAN with BGP EVPN Support for Nexus 5000 and Nexus 7000 Series Switches

This configuration will include a full startup configuration including interface configuration, vmtracker, Loopback, NVE, BGP, and so on. This release will have the basic visualization support. The goal is to show the VXLAN devices in single pane to visualize VXLAN infrastructure.

Implicit VFC binding support for Nexus 5000 Series Switches

Previously, Cisco Nexus 5000 Series Switches supported Explicit Binding resulting in vfc names as vfc<#>. From Release 7.2(3), Cisco Nexus 5000 Release 7.3(0)N1(1) supports Implicit binding for the vfc. Implicit Binding allows the automatic binding of a vfc1/1 to Ethernet port eth1/1 and only eth1/1 interfaces.

New Features and Enhancements in Cisco Prime DCNM, Release 7.2(2a)

There are no new software features introduced in the Cisco Prime DCNM Release 7.2(2a).

New Features and Enhancements in Cisco Prime DCNM, Release 7.2(2)

Cisco Prime DCNM, Release 7.2(2), includes the new features, enhancements, and hardware support that are described in the following section:

VXLAN with BGP EVPN Support for Nexus 9000 Series Switches

This configuration will include a full startup configuration including: interface configuration, multi-MD, vmtracker, Loopback, NVE, BGP, Multicast, etc.

This release will have the basic visualization support. The goal is to show the VXLAN devices in single pane to visualize VXLAN infrastructure.

New Features and Enhancements in Cisco Prime DCNM, Release 7.2(1)

Cisco Prime DCNM, Release 7.2(1), includes the new features, enhancements, and hardware support that are described in the following section:

FCoE over FEX

To provide a cost-effective solution for providing FCoE for host connections, support for FCoE over Fabric Extender (FEX) port is provided. This will drive Per-port FCoE cost down and help in positioning Cisco Nexus 7000 series switches at the edge network. To allow FCoE support over FEX, FEX port which is part of a Ethernet-vdc will be shared to the storage VDC. FEX is connected to the Cisco Nexus 7000 series switches through Fabric port-channel (FPC).

The following FCoE FEX models are supported:

- N2K-C2232PP-10GE
- N2K-B22HP-P

FCOE over F3

This feature brings support for T11's FC-BB_E standard FCoE over lossless Ethernet on F3-series line card variants to Cisco Nexus 7000 series and Cisco Nexus 7700 series platforms in storage VDC.

The following F3 cards are supported on FCoE:

- N77-F348XP-23 (48 port 10G card for N77)
- N77-F324FQ-25 (24 port 40G card for N77)
- N7K-F312FQ-25 (12 port 40G card for N7K)

4-Port VPC support on Cisco Nexus 5000/6000 Series

The 4-port VPC provides capability for user of Cisco Nexus 5600/6000 series switch to be able to bind a VFC interface to an individual port member of port-channel that has multiple port members. There can be at least 2 VFCs each binds to an individual member of a port-channel that has 2 port members. Binding a VFC to a port-channel that has multiple port members is still not supported.

This feature is available only for 2300 series FEX connected to 5600/6000 series switches.

Topology Views & Overlays

Cisco Prime DCNM, Release 7.2(1), Web Client allows you to view the LAN topology, based on various following parameters:

- L2STP view
- PC/vPC view
- Fabric Path View
- OTV view

Event Suppression

Cisco Prime DCNM, Release 7.2(1), allows you to suppress the specified events based on the user-specified suppressor rules from the Web Client. Such events will not be displayed on the Cisco Prime DCNM Web Client and SAN Client. The events will neither be persisted to Cisco Prime DCNM database, nor forwarded via email/SNMP trap.

Slowdrain Enhancements

Cisco Prime DCNM, Release 7.2(1), allows users to configure E/F port congestion drop, F-port no credit drop and E/F slow-port monitor from Cisco Prime DCNM SAN client and Device Manager.

VxLAN Support for Nexus 7000 Series Switches

Cisco Nexus 5600 Series and Nexus 7000 Series Switches can identify VxLAN topology by marking the VTEPs with a different icon. VxLAN support allows you to do the following:

- Search the VTEP devices based on VNI or multicast address.
- Display VNI, multicast address, mapped VLAN, VNI status in tabular format for a given VNI or multicast address.
- Highlight mismatch in multicast address configuration for a given VNI.

- Display active peers of VTEP for a given VNI.
- Display all VNI, multicast address, VNI status and mapped VLANs of the particular VTEP in switch inventory screen.

Auto-Configuration Deployment and POAP Support for Cisco Nexus 7000 Series Switches

This feature allows you to selectively push or clear configuration on devices for a network.

For Cisco Nexus 7000 Series Switches, Release 7.2(0)D1(1), Cisco Prime DCNM, Release 7.2(1), supports auto-configuration profiles and provides POAP/VOAP support with system-defined POAP/VDC templates.

Supported Upgrade Path to Cisco Prime DCNM Release 7.2

The following table lists the upgraded path supported on the Cisco Prime DCNM Releases.

Table 6: Upgrade Path for Cisco Prime DCNM, Release 7.2(1)

Cisco Prime DCNM Installer version	Release from which you can upgrade
Cisco Prime DCNM 7.2(1) ISO/OVA	• Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2)
Cisco Prime DCNM 7.2(1) EXE/BIN	• Cisco Prime DCNM, Release 6.3(2) • Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2)

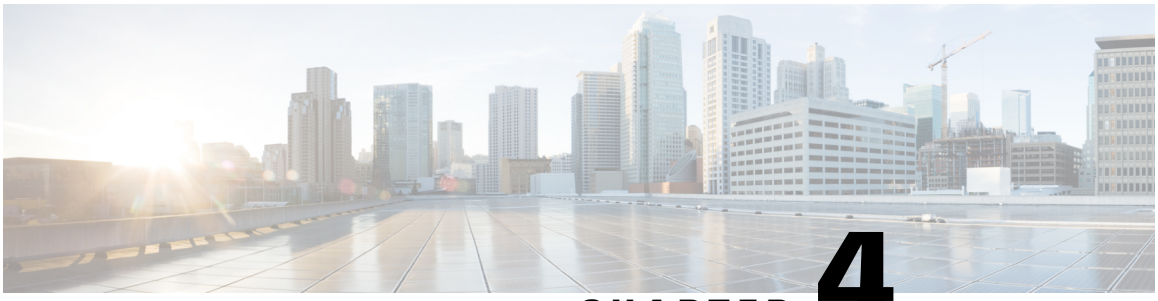
Table 7: Upgrade Path for Cisco Prime DCNM, Release 7.2(2)

Cisco Prime DCNM Installer version	Release from which you can upgrade
Cisco Prime DCNM 7.2(2) ISO/OVA	• Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2) • Cisco Prime DCNM, Release 7.2(1)
Cisco Prime DCNM 7.2(2) EXE/BIN	• Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2) • Cisco Prime DCNM, Release 7.2(1)

Table 8: Upgrade Path for Cisco Prime DCNM, Release 7.2(2a)

Cisco Prime DCNM Installer version	Release from which you can upgrade
Cisco Prime DCNM 7.2(2a) ISO/OVA	• Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2) • Cisco Prime DCNM, Release 7.2(1) • Cisco Prime DCNM, Release 7.2(2)
Cisco Prime DCNM 7.2(2a) EXE/BIN	• Cisco Prime DCNM, Release 7.1(1) • Cisco Prime DCNM, Release 7.1(2) • Cisco Prime DCNM, Release 7.2(1) • Cisco Prime DCNM, Release 7.2(2)

Cisco Prime DCNM Installer version	Release from which you can upgrade
Cisco Prime DCNM 7.2(3) ISO/OVA	• Cisco Prime DCNM, Release 7.2(1) • Cisco Prime DCNM, Release 7.2(2) • Cisco Prime DCNM, Release 7.2(2a)
Cisco Prime DCNM 7.2(3) EXE/BIN	• Cisco Prime DCNM, Release 7.2(1) • Cisco Prime DCNM, Release 7.2(2) • Cisco Prime DCNM, Release 7.2(2a)



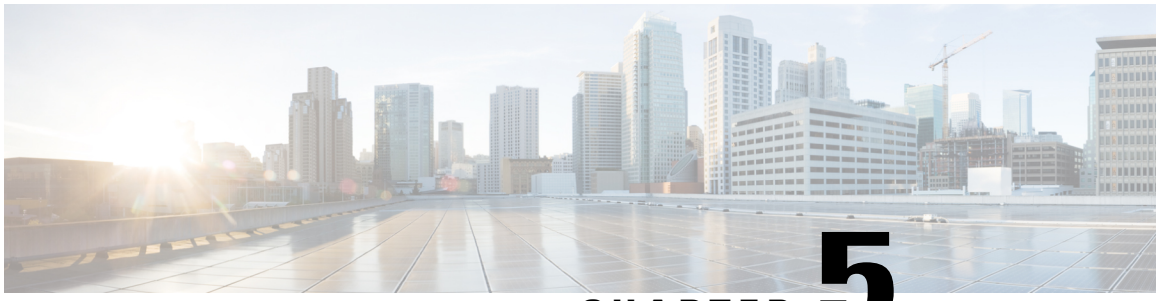
CHAPTER 4

Supported Cisco Platforms and Software Versions

For information about the software platforms and versions that Cisco Data Center Network Manager (DCNM) supports, see the Cisco DCNM Release Compatibility Matrix.

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

Note For compatibility reasons, we recommend that you run the same version (or a later version) of Cisco DCNM as Cisco NX-OS software.



CHAPTER 5

Supported Hardware

This section contains information about products and components supported on the Cisco Prime DCNM.

Note If the Release name is not mentioned in the below list, the Cisco Prime DCNM supports the hardware as mentioned in the previous release.

Hardware Supported in Cisco Prime DCNM, Release 7.2(3)

The following tables list the products and components supported in Cisco Prime DCNM, Release 7.2(3).

Table 9: Cisco MDS 9000 Family

Product/Component	Part Number
Cisco MDS 9396S 96-Port Multilayer Fabric Switch (2RU fixed-configuration multilayer fabric switch with 96 16-Gbps Fibre Channel ports)	DS-C9396S-K9
Cisco MDS 9000 4-port 1-Gbps IP Storage Module	DS-X9304-SMIP
Cisco MDS 9000 8-port 1-Gbps IP Storage Module	DS-X9308-SMIP
Cisco MDS 9000 32-Port 2-Gbps Fibre Channel Switching Module	DS-X9032
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112

Product/Component	Part Number
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 24-port 4-Gbps Fibre Channel Switching Module	DS-X9124
Cisco MDS 9000 48-port 4-Gbps Fibre Channel Switching Module	DS-X9148
Cisco MDS 9000 24-Port 8-Gbps Fibre Channel Switching Module	DS-X9224-96K9
Cisco MDS 9000 48-Port 8-Gbps Fibre Channel Switching Module	DS-X9248-96K9
Cisco MDS 9000 32-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9232-256K9
Cisco MDS 9000 48-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9248-256K9
Cisco MDS 48-Port 10-Gigabit Fibre Channel over Ethernet (FCoE) Module with SFP LC connectors	DS-X9848-480K9
Cisco MDS 9000 48-port 16-Gbps Fibre Channel Switching Module with SFP LC connectors	DS-X9448-768K9
Cisco MDS 9000 4/44-Port Host-Optimized 8-Gbps Fibre Channel Switching Module	DS-X9248-48K9
Cisco MDS 9000 Family 4-Port 10-Gbps Fibre Channel Switching Module	DS-X9704
Cisco MDS 9000 8-port 10-Gbps Fibre Channel over Ethernet (FCoE) Module	DS-X9708-K9
Cisco MDS 9000 Family 14-Port Fibre Channel and 2-port Gigabit Ethernet Module	DS-X9302-14K9
Cisco MDS 9000 Family 16-Port Storage Services Node (SSN-16)	DS-X9316-SSNK9
Cisco MDS 9000 32-Port Storage Services Module	DS-X9032-SSM
Cisco MDS 9000 18/4-Port Multiservice Module (MSM-18/4)	DS-X9304-18K9
Cisco MDS 9124 24-Port Multilayer Fabric Switch	DS-C9124-K9
Cisco MDS 9134 34-Port Multilayer Fabric Switch	DS-C9134-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148S-K9
Cisco MDS 9216i Multilayer Fabric Switch	DS-C9216i-K9

Product/Component	Part Number
Cisco MDS 9222i Multilayer Fabric Switch	DS-C9222i-K9
Cisco MDS 9250i Multilayer Fabric Switch	DS-9250I-K9
Cisco MDS 9500 Series Supervisor-2 Module	DS-X9530-SF2-K9
Cisco MDS 9500 Series Supervisor-2A Module	DS-X9530-SF2A-K9
Cisco MDS 9500 Series Supervisor-1 Module	DS-X9530-SF1-K9
Cisco MDS 9506 Multilayer Director	DS-C9506
Cisco MDS 9509 Multilayer Director	DS-C9509
Cisco MDS 9513 Multilayer Director	DS-C9513
Cisco MDS MDS 9700 Chassis (18 slot)	DS-C9718
Cisco MDS 9706 Multilayer Director	DS-C9706
Cisco MDS 9710 Multilayer Director	DS-C9710

Table 10: Cisco Nexus 9000 Series Switches

Product/Component	Part Number
Cisco Nexus 9500 Modular Chassis	
Cisco Nexus 9504 Switch	N9K-C9504
Cisco Nexus 9508 Switch	N9K-C9508
Cisco Nexus 9516 Switch	N9K-C9516
Cisco Nexus 9000 Series 40GE Modules	
N9K 32p 40G Ethernet Module	N9K-X9432PQ
36p 40G Ethernet Module	N9K-X9636PQ
Cisco Nexus 9000 Series 10GE Fiber and Copper Modules	
Cisco Nexus 9500 line card support	N9K-X9564PX
N9K 48x1/10G-T 4x40G Ethernet Module	N9K-X9464PX
Cisco Nexus 9500 line card support	N9K-X9564TX
N9K 48x1/10G SFP+ 4x40G Ethernet Module	N9K-X9464TX
Cisco Nexus 9000 Series GEM Module	
N9K 40G Ethernet Expansion Module	N9K-M12PQ
N9K 40G Ethernet Expansion Module	N9K-M6PQ

Product/Component	Part Number
Cisco Nexus 9300 Fixed Switches	
Cisco Nexus 9396PX Switch	N9K-C9396PX
Cisco Nexus 9396TX Switch	N9K-C9396TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372PX
Cisco Nexus 9332PQ Switch	N9K-C9332PQ
Cisco Nexus 93128TX Switch	N9K-C93128TX

Table 11: Cisco Nexus 7000 Series Switches

Product/Component	Part Number
Supported Chassis	
Cisco Nexus 7702 chassis	N77-C7702
Cisco Nexus 7004 chassis	N7K-C7004
Cisco Nexus 7706 chassis	N77-C7706-FAB2
Cisco Nexus 7009 chassis	N7K-C7009
Cisco Nexus 7010 chassis	N7K-C7010
Cisco Nexus 7018 chassis	N7K-C7018
Cisco Nexus 7710 chassis	N7K-C7710
Cisco Nexus 7718 chassis	N7K-C7718
Fabric module, Cisco Nexus 7009 chassis	N7K-C7009-FAB-2
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-1
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-2
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-1
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-2
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-1
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-2
Fabric module, Cisco Nexus 7718 chassis	N77-C7718-FAB-2
Supported Supervisor	

Product/Component	Part Number
Cisco Nexus 7000 Supervisor 1 Module	N7K-SUP1
Cisco Nexus 7000 Supervisor 2 Module	N7K-SUP2
Cisco Nexus 7000 Supervisor 2 Enhanced Module	N7K-SUP2E
Cisco Nexus 7700 Supervisor 2 Enhanced Module	N77-SUP2E
Supported F Line Cards	
32-port 1/10 Gigabit Ethernet SFP+ I/O Module	N7K-F132XP-15
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N7K-F248XP-25
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (Enhanced F2 Series)	N7K-F248XP-25E
48-port 1/10 GBase-T RJ45 Module (Enhanced F2-Series)	N7K-F248XT-25E
Cisco Nexus 7700 Enhanced 48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N77-F248XP-23E
Cisco Nexus 7000 1 F3 100G	N7K-F306CK-25
Cisco Nexus 7000 F3-Series 6-Port 100G Ethernet Module	N7K-F306CK-25
Cisco Nexus 7000 F3-Series 12-Port 40G Ethernet Module	N7K-F312FQ-25
Cisco Nexus 7700 F3-Series 24-Port 40G Ethernet Module	N77-F324FQ-25
Cisco Nexus 7700 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N77-F348XP-23
Nexus 7000 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N7K-F348XP-25
Supported M Line Cards	
8-port 10-Gigabit Ethernet Module with XL Option (requires X2)	N7K-M108X2-12L
32-port 10-Gigabit Ethernet SFP+ I/O Module	N7K-M132XP-12
32-port 10-Gigabit Ethernet SFP+ I/O Module with XL Option	N7K-M132XP-12L
48-port 10/100/1000 Ethernet I/O Module	N7K-M148GT-11
48-port 1-Gigabit Ethernet SFP I/O Module	N7K-M148GS-11
48-port 1-Gigabit Ethernet Module with XL Option	N7K-M148GS-11L

Product/Component	Part Number
2-port 100-Gigabit Ethernet I/O Module with XL Option	N7K-M202CF-22L
6-port 40-Gigabit Ethernet I/O Module with XL Option	N7K-M206FQ-23L
24-port 10-Gigabit Ethernet I/O Module with XL Option	N7K-M224XP-23L
Network Analysis Module NAM-NX1	N7K-SM-NAM-K9

Table 12: Cisco Nexus 6000 Series Switches

Product/Component	Part Number
N6004X/5696 chassis **Note** This has been rebranded as Cisco Nexus 5000 Series Switches Chassis	N5K-C5696Q
Cisco Nexus 6001-64T Switch	N6K-C6001-64T
Cisco Nexus 6001-64P Switch	N6K-C6001-64P
Cisco Nexus 6004 EF Switch	N6K-C6004
Cisco Nexus 6004 module 12Q 40-Gigabit Ethernet Linecard Expansion Module/FCoE, spare	N6004X-M12Q
Cisco Nexus 6004 M20UP LEM	N6004X-M20UP
Cisco Nexus 6004P-96Q Switch	N6K-6004-96Q

Table 13: Cisco Nexus 5000 Series Switches

Product/Component	Part Number
Cisco Nexus 5648Q Switch is a 2RU switch, 24 fixed 40-Gbps QSFP+ ports and 24 additional 40-Gbps QSFP+ ports	N5K-C5648Q
Cisco Nexus 5624Q Switch 1 RU, -12 fixed 40-Gbps QSFP+ ports and 12 X 40-Gbps QSFP+ ports expansion module	N5K-C5624Q
20 port UP LEM	N5696-M20UP
12 port 40G LEM	N5696-M12Q
4 port 100G LEM	N5696-M4C
N5000 1000 Series Module 6-port 10GE	N5K-M1600(=)
N5000 1000 Series Module 4x10GE 4xFC 4/2/1G	N5K-M1404=

Product/Component	Part Number
N5000 1000 Series Module 8-port 4/2/1G	N5K-M1008=
N5000 1000 Series Module 6-port 8/4/2G	N5K-M1060=
Cisco Nexus 56128P Switch	N5K-C56128P
Cisco Nexus 5010 chassis	N5K-C5010P-BF
Cisco Nexus 5020 chassis	N5K-C5020P-BF N5K-C5020P-BF-XL
Cisco Nexus 5548P Switch	N5K-C5548P-FA
Cisco Nexus 5548UP Switch	N5K-C5548UP-FA
Cisco Nexus 5672UP Switch	N5K-C5672UP
Cisco Nexus 5672UP-16GB FC Ports	5672UP-16G
Cisco Nexus 5596T Switch	N5K-C5596T-FA
Cisco Nexus 5596UP Switch	N5K-C5596UP-FA
Cisco Nexus 0296-UPT chassis and GEM N55-M12T support	N5K-C5596T-FA-SUP
16-port Universal GEM, Cisco Nexus 5500	N5K-M16UP
Version 2, Layer 3 daughter card	N55-D160L3-V2

Table 14: Cisco Nexus 4000 Series Switches

Product/Component	Part Number
Cisco Nexus 4001I Switch Module	N4K-4001I-XPX
Cisco Nexus 4005I Switch Module	N4K-4005I-XPX

Table 15: Cisco Nexus 3000 Series Fabric Extenders

Product/Component	Part Number
Cisco Nexus 3132 Chassis	N3K-C3132Q-40GX
Cisco Nexus 3016 Switch	N3K-C3016Q-40GE
Cisco Nexus 3048 Switch	N3K-C3048TP-1GE
Cisco Nexus 3064-E Switch	N3K-C3064PQ-10GE
Cisco Nexus 3064-T Switch	N3K-C3064TQ-10GT
Cisco Nexus 3064-X Switch	N3K-C3064PQ-10GX

Product/Component	Part Number
Cisco Nexus 3132Q Switch	N3K-C3132Q-40GE
Cisco Nexus 3172PQ Switch	N3K-C3172PQ-10GE
Cisco Nexus 3548 Switch	N3K-C3548P-10G
Cisco Nexus F3 24 port 40G FCoE linecard	DS-X9824-960K9
Nexus 31128 PQ - 2 RU L2/L3 96 port -10G/8 port 40G Switch	N3K-C31128PQ-10GE

Table 16: Cisco Nexus 2000 Series Fabric Extenders

Product/Component	Part Number
Cisco Nexus 2348UPQ Fabric Extender	N2K-C2348UPQ
Cisco Nexus 2348 Chassis	N2K-C2348TQ-10GE
Cisco Nexus 2148 1 GE Fabric Extender	N2K-C2148T-1GE
Cisco Nexus 2224TP Fabric Extender	N2K-C2224TP-1GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-10GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-E-10GE
Cisco Nexus 2232PP 10 GE Fabric Extender	N2K-C2232PP-10GE
Cisco Nexus 2248TP 1 GE Fabric Extender	N2K-C2248TP-1GE
Cisco Nexus 2248TP E GE Fabric Extender	N2K-C2248TP-E GE
Cisco Nexus 2248PQ Fabric Extender	N2K-C2248PQ-10GE
Cisco Nexus B22 Fabric Extender for HP	N2K-B22HP-P
Cisco Nexus B22 Fabric Extender for Fujitsu	N2K-B22FTS-P
Cisco Nexus B22 Fabric Extender for Dell	N2K-B22DELL-P
Cisco Nexus B22 Fabric Extender for IBM	N2K-B22IBM
Cisco Nexus 2332TQ 10GE Fabric Extender	N2K-C2332TQ
1 RU FEX supporting 48 10GBaseT host ports and 6 QSFP+ network port)	N2K_C2348TQE

Table 17: Cisco Nexus 1000V Series Switch

Product/Component	Part Number
Cisco Nexus 1010 Virtual Services Appliance	N1K-C1010
Cisco Nexus 1010-X Virtual Services Appliance	N1K-C1010-X

Product/Component	Part Number
Cisco Nexus 1110-S Virtual Services Appliance	N1K-1110-S
Cisco Nexus 1110-X Virtual Services Appliance	N1K-1110-X

Hardware Supported in Cisco Prime DCNM, Release 7.2(1)

The following tables list the products and components supported in Cisco Prime DCNM, Release 7.2(1).

Table 18: Cisco MDS 9000 Family

Product/Component	Part Number
Cisco MDS 9396S 96-Port Multilayer Fabric Switch (2RU fixed-configuration multilayer fabric switch with 96 16-Gbps Fibre Channel ports)	DS-C9396S-K9
Cisco MDS 9000 4-port 1-Gbps IP Storage Module	DS-X9304-SMIP
Cisco MDS 9000 8-port 1-Gbps IP Storage Module	DS-X9308-SMIP
Cisco MDS 9000 32-Port 2-Gbps Fibre Channel Switching Module	DS-X9032
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 12-port 4-Gbps Fibre Channel Switching Module	DS-X9112
Cisco MDS 9000 24-port 4-Gbps Fibre Channel Switching Module	DS-X9124
Cisco MDS 9000 48-port 4-Gbps Fibre Channel Switching Module	DS-X9148
Cisco MDS 9000 24-Port 8-Gbps Fibre Channel Switching Module	DS-X9224-96K9
Cisco MDS 9000 48-Port 8-Gbps Fibre Channel Switching Module	DS-X9248-96K9
Cisco MDS 9000 32-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9232-256K9
Cisco MDS 9000 48-port 8-Gbps Advanced Fibre Channel Switching Module	DS-X9248-256K9
Cisco MDS 48-Port 10-Gigabit Fibre Channel over Ethernet (FCoE) Module with SFP LC connectors	DS-X9848-480K9

Product/Component	Part Number
Cisco MDS 9000 48-port 16-Gbps Fibre Channel Switching Module with SFP LC connectors	DS-X9448-768K9
Cisco MDS 9000 4/44-Port Host-Optimized 8-Gbps Fibre Channel Switching Module	DS-X9248-48K9
Cisco MDS 9000 Family 4-Port 10-Gbps Fibre Channel Switching Module	DS-X9704
Cisco MDS 9000 8-port 10-Gbps Fibre Channel over Ethernet (FCoE) Module	DS-X9708-K9
Cisco MDS 9000 Family 14-Port Fibre Channel and 2-port Gigabit Ethernet Module	DS-X9302-14K9
Cisco MDS 9000 Family 16-Port Storage Services Node (SSN-16)	DS-X9316-SSNK9
Cisco MDS 9000 32-Port Storage Services Module	DS-X9032-SSM
Cisco MDS 9000 18/4-Port Multiservice Module (MSM-18/4)	DS-X9304-18K9
Cisco MDS 9124 24-Port Multilayer Fabric Switch	DS-C9124-K9
Cisco MDS 9134 34-Port Multilayer Fabric Switch	DS-C9134-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148-K9
Cisco MDS 9148 48-Port Multilayer Fabric Switch	DS-C9148S-K9
Cisco MDS 9216i Multilayer Fabric Switch	DS-C9216i-K9
Cisco MDS 9222i Multilayer Fabric Switch	DS-C9222i-K9
Cisco MDS 9250i Multilayer Fabric Switch	DS-9250I-K9
Cisco MDS 9500 Series Supervisor-2 Module	DS-X9530-SF2-K9
Cisco MDS 9500 Series Supervisor-2A Module	DS-X9530-SF2A-K9
Cisco MDS 9500 Series Supervisor-1 Module	DS-X9530-SF1-K9
Cisco MDS 9506 Multilayer Director	DS-C9506
Cisco MDS 9509 Multilayer Director	DS-C9509
Cisco MDS 9513 Multilayer Director	DS-C9513
Cisco MDS 9706 Multilayer Director	DS-C9706
Cisco MDS 9710 Multilayer Director	DS-C9710

Table 19: Cisco Nexus 9000 Series Switches

Product/Component	Part Number
Cisco Nexus 9500 Modular Chassis	
Cisco Nexus 9504 Switch	N9K-C9504
Cisco Nexus 9508 Switch	N9K-C9508
Cisco Nexus 9516 Switch	N9K-C9516
Cisco Nexus 9000 Series 40GE Modules	
N9K 32p 40G Ethernet Module	N9K-X9432PQ
36p 40G Ethernet Module	N9K-X9636PQ
Cisco Nexus 9000 Series 10GE Fiber and Copper Modules	
Cisco Nexus 9500 line card support	N9K-X9564PX
N9K 48x1/10G-T 4x40G Ethernet Module	N9K-X9464PX
Cisco Nexus 9500 line card support	N9K-X9564TX
N9K 48x1/10G SFP+ 4x40G Ethernet Module	N9K-X9464TX
Cisco Nexus 9000 Series GEM Module	
N9K 40G Ethernet Expansion Module	N9K-M12PQ
N9K 40G Ethernet Expansion Module	N9K-M6PQ
Cisco Nexus 9300 Fixed Switches	
Cisco Nexus 9396PX Switch	N9K-C9396PX
Cisco Nexus 9396TX Switch	N9K-C9396TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372PX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372TX
Cisco Nexus 9372TX Switch	N9K-C9372PX
Cisco Nexus 9332PQ Switch	N9K-C9332PQ
Cisco Nexus 93128TX Switch	N9K-C93128TX

Table 20: Cisco Nexus 7000 Series Switches

Product/Component	Part Number
Supported Chassis	

Product/Component	Part Number
Cisco Nexus 7702 chassis	N77-C7702
Cisco Nexus 7004 chassis	N7K-C7004
Cisco Nexus 7706 chassis	N77-C7706-FAB2
Cisco Nexus 7009 chassis	N7K-C7009
Cisco Nexus 7010 chassis	N7K-C7010
Cisco Nexus 7018 chassis	N7K-C7018
Cisco Nexus 7710 chassis	N7K-C7710
Cisco Nexus 7718 chassis	N7K-C7718
Fabric module, Cisco Nexus 7009 chassis	N7K-C7009-FAB-2
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-1
Fabric module, Cisco Nexus 7010 chassis	N7K-C7010-FAB-2
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-1
Fabric module, Cisco Nexus 7018 chassis	N7K-C7018-FAB-2
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-1
Fabric module, Cisco Nexus 7710 chassis	N77-C7710-FAB-2
Fabric module, Cisco Nexus 7718 chassis	N77-C7718-FAB-2
Supported Supervisor	
Cisco Nexus 7000 Supervisor 1 Module	N7K-SUP1
Cisco Nexus 7000 Supervisor 2 Module	N7K-SUP2
Cisco Nexus 7000 Supervisor 2 Enhanced Module	N7K-SUP2E
Cisco Nexus 7700 Supervisor 2 Enhanced Module	N77-SUP2E
Supported F Line Cards	
32-port 1/10 Gigabit Ethernet SFP+ I/O Module	N7K-F132XP-15
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N7K-F248XP-25
48-port 1/10 Gigabit Ethernet SFP+ I/O Module (Enhanced F2 Series)	N7K-F248XP-25E
48-port 1/10 GBase-T RJ45 Module (Enhanced F2-Series)	N7K-F248XT-25E
Cisco Nexus 7700 Enhanced 48-port 1/10 Gigabit Ethernet SFP+ I/O Module (F2 Series)	N77-F248XP-23E
Cisco Nexus 7000 1 F3 100G	N7K-F306CK-25

Product/Component	Part Number
Cisco Nexus 7000 F3-Series 6-Port 100G Ethernet Module	N7K-F306CK-25
Cisco Nexus 7000 F3-Series 12-Port 40G Ethernet Module	N7K-F312FQ-25
Cisco Nexus 7700 F3-Series 24-Port 40G Ethernet Module	N77-F324FQ-25
Cisco Nexus 7700 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N77-F348XP-23
Nexus 7000 F3-Series 48-Port Fiber 1 and 10G Ethernet Module	N7K-F348XP-25
Supported M Line Cards	
8-port 10-Gigabit Ethernet Module with XL Option (requires X2)	N7K-M108X2-12L
32-port 10-Gigabit Ethernet SFP+ I/O Module	N7K-M132XP-12
32-port 10-Gigabit Ethernet SFP+ I/O Module with XL Option	N7K-M132XP-12L
48-port 10/100/1000 Ethernet I/O Module	N7K-M148GT-11
48-port 1-Gigabit Ethernet SFP I/O Module	N7K-M148GS-11
48-port 1-Gigabit Ethernet Module with XL Option	N7K-M148GS-11L
2-port 100-Gigabit Ethernet I/O Module with XL Option	N7K-M202CF-22L
6-port 40-Gigabit Ethernet I/O Module with XL Option	N7K-M206FQ-23L
24-port 10-Gigabit Ethernet I/O Module with XL Option	N7K-M224XP-23L
Network Analysis Module NAM-NX1	N7K-SM-NAM-K9

Table 21: Cisco Nexus 6000 Series Switches

Product/Component	Part Number
N6004X/5696 chassis **Note** This has been rebranded as Cisco Nexus 5000 Series Switches Chassis	N5K-C5696Q
Cisco Nexus 6001-64T Switch	N6K-C6001-64T
Cisco Nexus 6001-64P Switch	N6K-C6001-64P
Cisco Nexus 6004 EF Switch	N6K-C6004

Product/Component	Part Number
Cisco Nexus 6004 module 12Q 40-Gigabit Ethernet Linecard Expansion Module/FCoE, spare	N6004X-M12Q
Cisco Nexus 6004 M20UP LEM	N6004X-M20UP
Cisco Nexus 6004P-96Q Switch	N6K-6004-96Q

Table 22: Cisco Nexus 5000 Series Switches

Product/Component	Part Number
Cisco Nexus 5648Q Switch is a 2RU switch, 24 fixed 40-Gbps QSFP+ ports and 24 additional 40-Gbps QSFP+ ports	N5K-C5648Q
Cisco Nexus 5624Q Switch 1 RU, -12 fixed 40-Gbps QSFP+ ports and 12 X 40-Gbps QSFP+ ports expansion module	N5K-C5624Q
20 port UP LEM	N5696-M20UP
12 port 40G LEM	N5696-M12Q
4 port 100G LEM	N5696-M4C
N5000 1000 Series Module 6-port 10GE	N5K-M1600(=)
N5000 1000 Series Module 4x10GE 4xFC 4/2/1G	N5K-M1404=
N5000 1000 Series Module 8-port 4/2/1G	N5K-M1008=
N5000 1000 Series Module 6-port 8/4/2G	N5K-M1060=
Cisco Nexus 56128P Switch	N5K-C56128P
Cisco Nexus 5010 chassis	N5K-C5010P-BF
Cisco Nexus 5020 chassis	N5K-C5020P-BF N5K-C5020P-BF-XL
Cisco Nexus 5548P Switch	N5K-C5548P-FA
Cisco Nexus 5548UP Switch	N5K-C5548UP-FA
Cisco Nexus 5672UP Switch	N5K-C5672UP
Cisco Nexus 5596T Switch	N5K-C5596T-FA
Cisco Nexus 5596UP Switch	N5K-C5596UP-FA
Cisco Nexus 0296-UPT chassis and GEM N55-M12T support	N5K-C5596T-FA-SUP
16-port Universal GEM, Cisco Nexus 5500	N5K-M16UP
Version 2, Layer 3 daughter card	N55-D160L3-V2

Table 23: Cisco Nexus 4000 Series Switches

Product/Component	Part Number
Cisco Nexus 4001I Switch Module	N4K-4001I-XPX
Cisco Nexus 4005I Switch Module	N4K-4005I-XPX

Table 24: Cisco Nexus 3000 Series Fabric Extenders

Product/Component	Part Number
Nexus 3132 Chassis	N3K-C3132Q-40GX
Cisco Nexus 3016 Switch	N3K-C3016Q-40GE
Cisco Nexus 3048 Switch	N3K-C3048TP-1GE
Cisco Nexus 3064-E Switch	N3K-C3064PQ-10GE
Cisco Nexus 3064-T Switch	N3K-C3064TQ-10GT
Cisco Nexus 3064-X Switch	N3K-C3064PQ-10GX
Cisco Nexus 3132Q Switch	N3K-C3132Q-40GE
Cisco Nexus 3172PQ Switch	N3K-C3172PQ-10GE
Cisco Nexus 3548 Switch	N3K-C3548P-10G

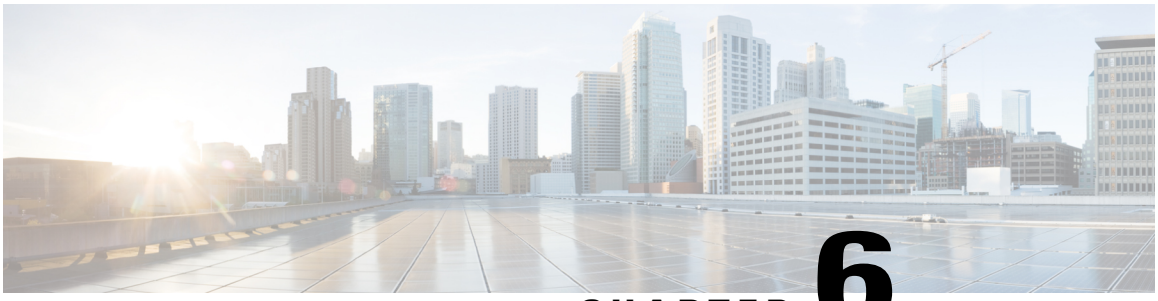
Table 25: Cisco Nexus 2000 Series Fabric Extenders

Product/Component	Part Number
Cisco Nexus 2348UPQ Fabric Extender	N2K-C2348UPQ
Nexus 2348 Chassis	N2K-C2348TQ-10GE
Cisco Nexus 2148 1 GE Fabric Extender	N2K-C2148T-1GE
Cisco Nexus 2224TP Fabric Extender	N2K-C2224TP-1GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-10GE
Cisco Nexus 2232TM 10GE Fabric Extender	N2K-C2232TM-E-10GE
Cisco Nexus 2232PP 10 GE Fabric Extender	N2K-C2232PP-10GE
Cisco Nexus 2248TP 1 GE Fabric Extender	N2K-C2248TP-1GE
Cisco Nexus 2248TP E GE Fabric Extender	N2K-C2248TP-E GE
Cisco Nexus 2248PQ Fabric Extender	N2K-C2248PQ-10GE
Cisco Nexus B22 Fabric Extender for HP	N2K-B22HP-P

Product/Component	Part Number
Cisco Nexus B22 Fabric Extender for Fujitsu	N2K-B22FTS-P
Cisco Nexus B22 Fabric Extender for Dell	N2K-B22DELL-P
Cisco Nexus B22 Fabric Extender for IBM	N2K-B22IBM
Cisco Nexus 2332TQ 10GE Fabric Extender	N2K-C2332TQ

Table 26: Cisco Nexus 1000V Series Switch

Product/Component	Part Number
Cisco Nexus 1010 Virtual Services Appliance	N1K-C1010
Cisco Nexus 1010-X Virtual Services Appliance	N1K-C1010-X
Cisco Nexus 1110-S Virtual Services Appliance	N1K-1110-S
Cisco Nexus 1110-X Virtual Services Appliance	N1K-1110-X



CHAPTER 6

Caveats

Caveats describe unexpected behavior in a product. The Open Caveats section lists open caveats that apply to the current release and may apply to previous releases. A caveat that is open for a prior release and is still unresolved applies to all future releases until it is resolved.

To view the details of the software bugs pertaining to your product, perform the following task:

- Click the Caveat ID/Bug ID number in the table.

The corresponding Bug Search Tool page is displayed with details of the Caveat ID/Bug ID.

The Bug Search Tool (BST), which is the online successor to the Bug Toolkit, is designed to improve the effectiveness in network risk management and device troubleshooting. The BST allows partners and customers to search for software bugs based on product, release, and keyword, and aggregates key data, such as bug details, product, and version. The tool has a provision to filter bugs based on credentials to provide external and internal bug views for the search input.

To view the details of a caveat whose ID you do not have, perform the following procedure:

1. Access the BST using your Cisco user ID and password at: https://tools.cisco.com/bugsearch/
2. In the Bug Search window that is displayed, enter the necessary information in the corresponding fields.

For more information about how to use the Cisco Bug Search Tool effectively, including how to set email alerts for bugs and to save bugs and searches, see the Bug Search Tool Help & FAQ page Bug Search Tool Help & FAQ.

This chapter lists the Open and Resolved Caveats in Cisco Prime Data Center Network Manager (DCNM), Release 7.2:

Cisco Prime DCNM, Release 7.2(3), Caveats

Resolved Caveats

The following table lists the Resolved bugs for Cisco DCNM, Release 7.2(3).

Bug ID	Headline
CSCuu76303	OVA/ISO install fails for Oracle RAC
CSCuv49853	Automatic creation of evaluation licenses is failing
CSCuw06134	There is no support for NON DFA HA upgrade in OVA/ISO
CSCuw16938	N9K:7.0(3)I2: DCNM PC/VLAN/Interface configuration fails (XML netconf)
CSCuw37673	7.2.2.S7: ISO: HA: Timebomb License not installed on Fresh Installation
CSCuw59918	DCNM device-alias rename can cause outage in device-alias enhanced mode
CSCuw89566	DCNM should not warn for CFS requirement on IVR for a standalone switch
CSCux02817	Not able to shut interface for N3Ks, from DCNM
CSCux09304	Slow Drain Diagnostic only showing counters for PO member ports
CSCux10456	DCNM:Need to check PWWN on EMC VPLEX when missing FC4-type information

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.2(3).

Bug ID	Headline
CSCul88797	Connection between Fex and N1k not shown for 2 layer vPC
CSCuo15884	Topology view: Incorrect Discovery Port
CSCux59690	DCNM: adding second LDAP server does not work with POAP diff

Bug ID	Headline
CSCuu50655	Help link opens blank page in DM with IE browser.
CSCux59690	DCNMP: Interfaces are not getting discovered in Hafinum switch
CSCuy15148	DCNM: HTTPS on 721 is not carry forwarded on the upgraded setup

Cisco Prime DCNM, Release 7.2(2a), Caveats

Resolved Caveats

The following table lists the Resolved bugs for Cisco DCNM, Release 7.2(2a).

Bug ID	Headline
CSCuw43548	DCNM OVA-ISO time-bomb license is taking 30day from build time as expiry
CSCuw59918	DCNM device-alias rename can cause outage in device-alias enhanced mode

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.2(2a).

Bug ID	Headline
CSCul88797	Connection between Fex and N1k not shown for 2 layer vPC
CSCuo15884	Topology view: Incorrect Discovery Port
CSCut58497	DCNM: adding second LDAP server does not work with POAP diff
CSCuu50655	Help link opens blank page in DM with IE browser.
CSCuv49853	Automatic creation of evaluation licenses is failing.
CSCuw06134	There is no support for NON DFA HA upgrade in OVA/ISO.
CSCuw16938	N9K:7.0(3)I2: DCNM PC/VLAN/Interface configuration fails (XML netconf)

Bug ID	Headline
CSCuw37673	7.2.2.S7: ISO: HA: Timebomb License not installed on Fresh Installation

Cisco Prime DCNM, Release 7.2(2), Caveats

Resolved Caveats

The following table lists the Resolved bugs for Cisco DCNM, Release 7.2(2).

Bug ID	Headline
CSCuu75865	Add global vlan profile subtype.
CSCuv13129	Seeing port number after IP address while SAN Client launch.
CSCuv17217	POAP Fabric_N5600_N6K_BorderLeaf_v3 parser error.
CSCuv22766	DCNM device-alias rename no longer working with NX-OS 5.2(8e) or 6.2(11)
CSCuv27371	OVA/ISO upgrade from 7.1(x) to 7.2(1) - LDAP certificates not restored
CSCuv29889	N9K poap chokes on show version image
CSCuv31659	DCNM generates incomplete auto alias for HDS array
CSCuv45272	symbolic port name shouldn't contain nonprintable character
CSCuv58513	Error seein in Selective HA upgrade from a standalone system
CSCuv61619	UCS Server Blade info not displayed for UCS FI in San Fabric
CSCuv61644	DCNM sends false positive events while database un-availablity
CSCuv63745	Event default show 100 instead correct number of events
CSCuv71291	Oracle RAC jdbc URL using SCAN name need to be supported in HA setup
CSCuv73194	DCNM-SAN: Wrong Slot and Fan num in the email alert when remove fan tray
CSCuv76463	VRF-common-universal profile can be edited & deleted when instantiated

Bug ID	Headline
CSCuv97725	Client allows local authentication; configured for remote authentication
CSCuw07929	DCNM server fails to start due to transaction timeout
CSCuw18084	Same name Partition Delete/Readd Fails already existing

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.2(2).

Bug ID	Headline
CSCul88797	Connection between Fex and N1k not shown for 2 layer vPC
CSCuo15884	Topology view: Incorrect Discovery Port
CSCut58497	DCNM: adding second LDAP server does not work with POAP diff
CSCuu50655	Help link opens blank page in DM with IE browser.
CSCuv49853	Automatic creation of evaluation licenses is failing.
CSCuw06134	There is no support for NON DFA HA upgrade in OVA/ISO.
CSCuw16938	N9K:7.0(3)I2: DCNM PC/VLAN/Interface configuration fails (XML netconf)
CSCuw37673	7.2.2.S7: ISO: HA: Timebomb License not installed on Fresh Installation
CSCuw43548	DCNM OVA-ISO time-bomb license is taking 30day from build time as expiry instead of Installation time.
CSCuw59918	DCNM device-alias rename can cause outage in device-alias enhanced mode

Cisco Prime DCNM, Release 7.2(1), Caveats

Resolved Caveats

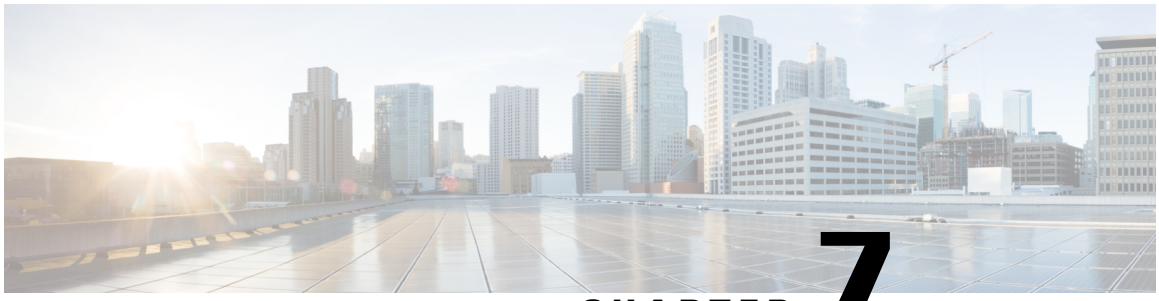
The following table lists the Resolved bugs for Cisco Prime DCNM, Release 7.2(1).

Bug ID	Headline
CSCus87367	Upgraded dcnm from 7-0-2 to 7-1-1-32S0 and reports from 702 are not there.
CSCut82082	SAN client launch "DCNM server" field issue OVA setup.
CSCut94107	Auto-config refresh not working for custom global vlan profiles.
CSCut94618	SSL certificate is not retained after upgrade.
CSCuu08302	Errors seen in Restore script.
CSCuu15585	DCNM (106) xmpp failed to add device in case of using selective-HA.
CSCuu27445	POAP Diffs for N7K & VDC should be zero with default POAP/VOAP templates.
CSCuu82350	DCNM - OpenSSL June 2015 vulnerabilities.

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.2(1).

Bug ID	Headline
CSCul88797	Connection between Fex and N1kis not shown for 2 layer vPC.
CSCuo15884	Topology view: Incorrect Discovery Port.
CSCut58497	Adding second LDAP server does not work with POAP diff.
CSCuu50655	Help link opens blank page in DM with IE browser.
CSCuu75865	Add global vlan profile subtype.
CSCuv13129	Seeing port number after IP address while SAN Client launch.
CSCuv17217	POAP Fabric_N5600_N6K_BorderLeaf_v3 parser error.
CSCuv27371	OVA/ISO upgrade from 7.1(x) to 7.2(1) - LDAP certificates not restored.
CSCuv49853	Automatic creation of evaluation licenses is failing.
CSCuv58513	Error seen in Selective HA upgrade from a standalone system.



CHAPTER 7

Related Documentation

This chapter contains information about the documentation available for Cisco Data Center Network Manager (DCNM) and for the platforms that Cisco DCNM manages.

Documentation Feedback

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

dcnm-docfeedback@cisco.com.

We appreciate your feedback.

Cisco DCNM Documentation

Cisco DCNM documentation is available at:

http://www.cisco.com/c/en/us/support/cloud-systems-management/prime-data-center-network-manager/tsd-products-support-series-home.html

- Cisco Prime DCNM Installation Guide, Release 7.2.x
- Cisco Prime DCNM Fundamentals Guide, Release 7.2.x
- Cisco Prime DCNM Rest API Guide, Release 7.2.x
- Cisco DCNM Troubleshooting Guide

Platform-Specific Documents

The documentation set for platform-specific documents that Cisco Prime DCNM manages includes the following:

Cisco Nexus 1000V Series Switch Documentation

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

Cisco Nexus 2000 Series Fabric Extender Documentation

http://www.cisco.com/en/US/products/ps10110/tsd_products_support_series_home.html

Cisco Nexus 3000 Series Switch Documentation

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

Cisco Nexus 4000 Series Switch Documentation

http://www.cisco.com/en/US/products/ps10596/tsd_products_support_series_home.html

Cisco Nexus 5000 Series Switch Documentation

http://www.cisco.com/en/us/products/ps9670/tsd_products_support_series_home.html

Cisco Nexus 6000 Series Switch Documentation

http://www.cisco.com/en/US/partner/products/ps12806/tsd_products_support_general_information.html

Cisco Nexus 7000 Series Switch Documentation

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

Cisco Nexus 9000 Series Switch Documentation

http://www.cisco.com/c/en/us/support/switches/nexus-9000-series-switches/tsd-products-support-series-home.html

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.

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the What's New in Cisco Product Documentation RSS feed. RSS feeds are a free service.