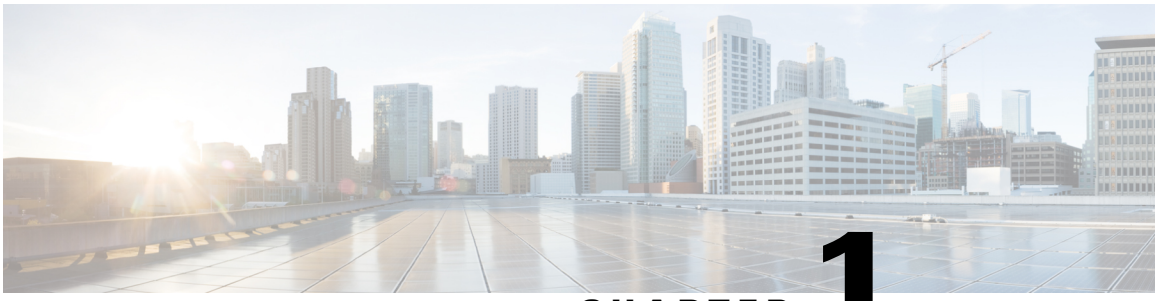
Cisco Prime DCNM Release Notes, Release 7.1

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

CONTENTS



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 7.1, 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**.

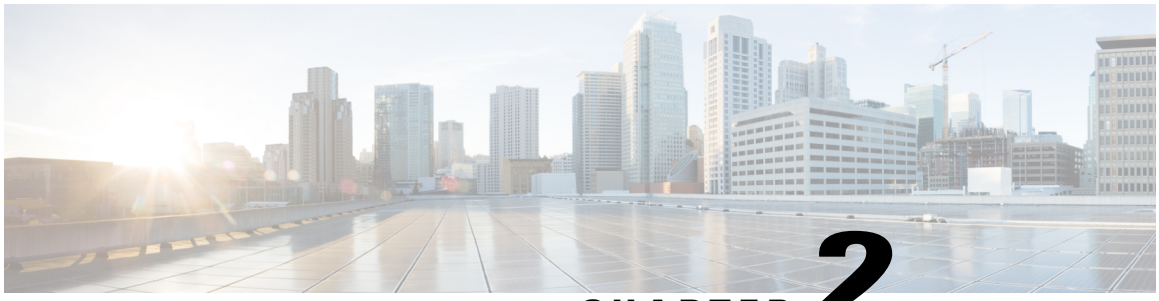
This document provides the Release Notes for Cisco Prime DCNM, Release 7.1. Use this document in combination with the documents listed in Related Documentation, on page 25.

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
April 28, 2015	Updated Release Notes for Release 7.1(2)
December 19, 2014	Created Release Notes for Release 7.1(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.

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 7.1.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.

- For Cisco Prime DCNM Open Virtual Appliance (OVA), upgrade support is available from Cisco Prime DCNM, Release 7.0(1), and Cisco Prime DCNM, Release 7.0(2), to Cisco Prime DCNM, Release 7.1(1).

  For Cisco Prime DCNM Windows and Linux installers, upgrade support is available from Cisco Prime DCNM, Release 6.3(2), to Cisco Prime DCNM, Release 7.1(1).

- For Cisco Prime DCNM Open Virtual Appliance (OVA), upgrade support is available from Cisco Prime DCNM, Release 7.0(2), and Cisco Prime DCNM, Release 7.1(1), to Cisco Prime DCNM, Release 7.1(2).

  For Cisco Prime DCNM ISO Virtual Appliance (ISO), upgrade support is available from Cisco Prime DCNM, Release 7.1(1), to Cisco Prime DCNM, Release 7.1(2).

  For Cisco Prime DCNM Windows and Linux installers, upgrade support is available from Cisco Prime DCNM, Release 6.3(2), and Cisco Prime DCNM, Release 7.1(1), to Cisco Prime DCNM, Release 7.1(2).

- SMI-S integration into Cisco Prime DCNM is disabled for Cisco Prime DCNM 7.1(1) Virtual Appliances (OVA and ISO images). However, it is available for RHEL and Windows DCNM 7.1.1 images.

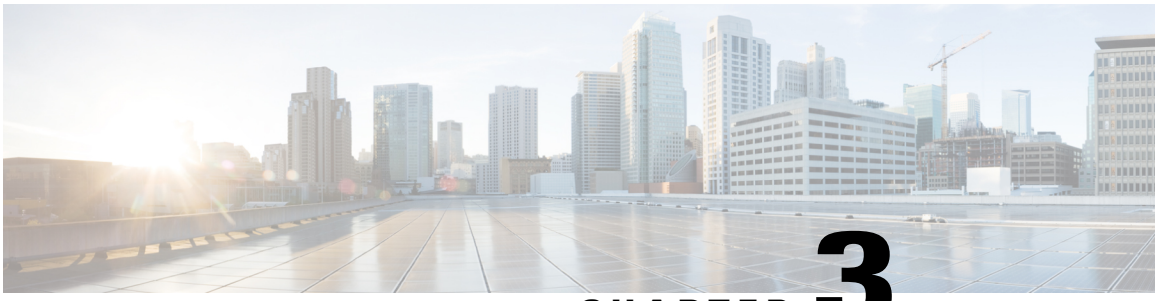
  SMI-S integration with storage arrays is available on all Cisco Prime DCNM 7.1(1) images, including Open Virtual Appliances.

- From Cisco Prime DCNM, Release 7.1(2), SMI-S provider is available in both Cisco Prime DCNM installer and Cisco Prime DCNM virtual appliance.

- 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 7.1.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 Data Center Network Manager (DNCM), Release 7.1.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 7.1(2)

Cisco Prime DCNM, Release 7.1(2), includes the new features, enhancements, and hardware support that are described in the following section:

Selective High Availability

From Cisco Prime DCNM, Release 7.1(2), the Cisco Prime DCNM appliances (OVA and ISO) allow you to selectively enable failover for certain applications rather than forcefully applying it for all applications. You can selectively enable high availability (HA) for auto configuration, which is a crucial feature in most deployments. Since HA is not enabled for all the applications, external database users or a Network File System (NFS) repository is not required, thus reducing dependencies in a production environment.

New Features and Enhancements in Cisco Prime DCNM, Release 7.1(1)

Cisco Prime DNCM, Release 7.1(1), includes the new features, enhancements, and hardware support that are described in the following section:

Border Leaf or Edge Router Auto Configuration

This feature streamlines the border leaf or edge router auto configuration. The auto configuration automatically selects border leaf or edge router based on device pairing, load sharing algorithm, and redundancy factor. The border leaf or edge router is notified after the pair is chosen and the partition extension configuration is

available in the network database. The Power On Auto Provisioning (POAP) templates and network profiles can be added. Border leaf or edge router auto configuration publishes the REST APIs' orchestrator and third-party application integration.

VxLAN Support for Cisco Nexus 5600 Series and Cisco Nexus 9000 Series Switches

Cisco Nexus 5600 Series and Cisco Nexus 9000 Series switches (in standalone mode) can identify VxLAN topology by marking the VXLAN Tunnel End Point (VTEP) with a different icon. VxLAN support allows you to perform the following:

- Visualization of VxLAN topology. This is available for Cisco Nexus 5600 Series and Cisco Nexus 9000 Series switches (in standalone mode). The VTEPs are marked with a different icon.
- Search the VTEP devices based on Visual Networking Index (VNI) or multicast address.
- Display VNI, multicast address, mapped VLAN and 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 VNIs, multicast addresses, VNI statuses, and mapped VLANs of a particular VTEP in the switch inventory window.

Configuring Synchronization on POAP

If you use POAP to configure switches, this feature allows you to track the configuration changes made to the device after the initial POAP definition.

Multiple Orchestrators' Support

The Multiple Orchestrators' Support feature allows you to create a new Segment ID range from either the Cisco Prime DCNM Web Client or by using a REST API, and provides the orchestrator ID. Cisco Prime DCNM will associate the range with the specified orchestrator ID.

Auto-Configuration Deployment

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

Three Tier Topology

Cisco Prime DCNM supports three-tier topology visualization for the Fabric dashboard consisting of super spines, spines, and leaves.

Secure LDAP for Fabric

When you install DCNM ISO or OVA, the DCNM-secure LDAP is configured during installation. By default, this supports LDAP (port 389), StartTLS (port 389), and LDAPS (port 636). A self-signed CA certificate and server certificate are generated with the Cisco Prime DCNM server name as CN (common name). No additional action is required to enable secure LDAP.

Multiple Mobility Domains with VLAN Translation

In the VLAN translation feature, upon ingress on a port, a user frame that is tagged with an original VLAN (also called *from* VLAN), will be mapped into a translated VLAN (also called *to* VLAN). The subsequent

functionalities, such as MAC learning and MAC lookup, will be performed on the translated VLAN. On the other hand, a frame that is switched on the translated VLAN will be mapped to the original VLAN before egressing in a port. VLAN translation is carried out on the per-port basis. When multiple mobility domains are supported on a leaf switch, in addition to the leaf device-wide mobility domain, port-level mobility domains are introduced. Each port can be configured with a mobility domain that is different from the device-wide mobility domain.

Cisco Prime DCNM ISO Packaging

The Cisco Prime DCNM ISO virtual appliance has an operating system (CentOS 6.3) with Cisco Prime DCNM. It also provides an option to install additional packages to manage scalable fabrics, including Cisco DFA on demand.

Advanced Feature Trial License

The Advanced Feature Trial License exists on the server after the initial installation, and displays a filename and PID text (30DayTrialLicense). This provides 500 SAN and 500 advanced feature licenses without users having to download or install a single file. This license will work for any licensable switch, and expires after 30 days.

Configuring Archive Enhancement

This enhancement allows you to display a preview, show configuration differences, and add bookmarks for configuration differences.

Slow Drain

Cisco Prime DCNM provides online slow-drain diagnostics, and displays the list of devices with potential slow-drain issues. The significance of the Slow Drain feature is as follows:

- Automates troubleshooting—Troubleshooting that might have taken hours or days can be reduced to minutes.
- Automates collection or polling—On-demand collection of Slow Drain-related counters is available across Cisco Nexus and Cisco MDS fibre channel fabrics. The entire switch fabric data can be collected.
- Reduces false positives—Slow Drain diagnostics fetches a list of host, storage, and switch ports, prioritized by slow drain severity by checking the rate of change in the counters.
- Provides visual representation—Statistics can be displayed in the bar chart format, showing fluctuations in counters over the polling interval.
- Provides customization—Provides symptom priority fields that can be sorted to find specific devices.

EMC Enhancement

Cisco Prime DCNM enhances EMC call-home messages and adds version-specific information in a call-home message body.

Storage VDC for FCoE on Cisco Nexus 7706

Cisco Prime DCNM now supports Storage VDC on Cisco Nexus 7706 equipment. The Cisco Nexus 7706 FCoE support allows Cisco Prime DCNM to discover Cisco Nexus 7706 Storage VDC as seed for SAN management. Cisco Nexus 7706 Storage VDC is managed as a fabric switch. After you install and enable the

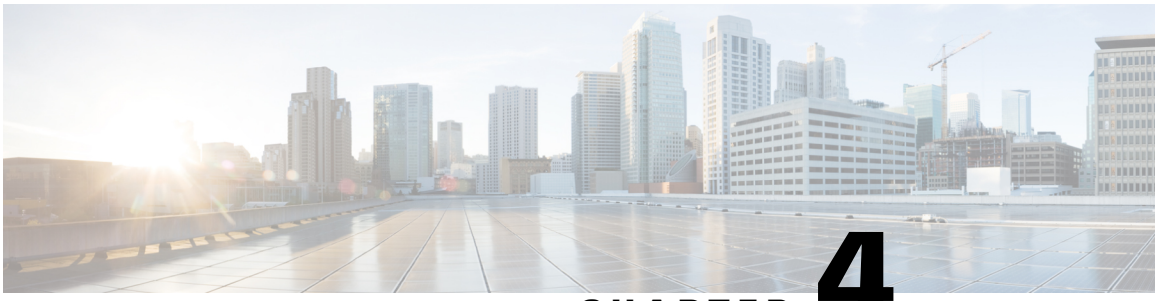
FCoE feature set, all the SAN management features are available from Cisco Prime DCNM for Cisco Nexus 7706.

Orphan LUN

Cisco Prime DCNM supports reporting a list of LUNs that are configured in the storage system, but not assigned any ports. After initial storage discovery, choose **Report Feature > Orphan LUN** to view the report. You can generate ad hoc reports or schedule the generation of a recursive report at a specified time. The report can be exported as .html, .xls, or email formats for further analysis.

Storage System Capacity Trend

Cisco Prime DCNM allows you to generate the storage system capacity trend and the storage pool level capacity trend. You can view the capacity trend for storage system on the web client after the system collects data for more than two days.



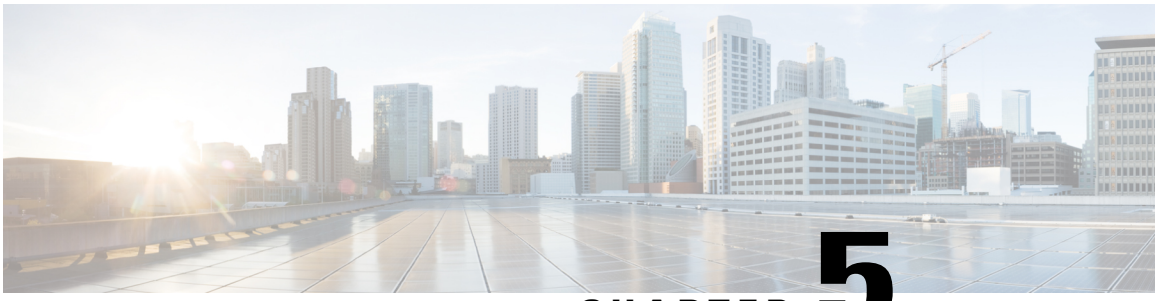
CHAPTER 4

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 7.1

The following tables list the products and components supported in Cisco Prime DCNM, Release 7.1

Table 2: Cisco MDS 9000 Family

Product/Component	Part Number
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

Product/Component	Part Number
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
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

Product/Component	Part Number
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 3: 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

Product/Component	Part Number
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 4: Cisco Nexus 7000 Series Switches

Product/Component	Part Number
Supported Chassis	
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

Product/Component	Part Number
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
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 5: 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 6: 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

Product/Component	Part Number
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 7: 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 8: 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

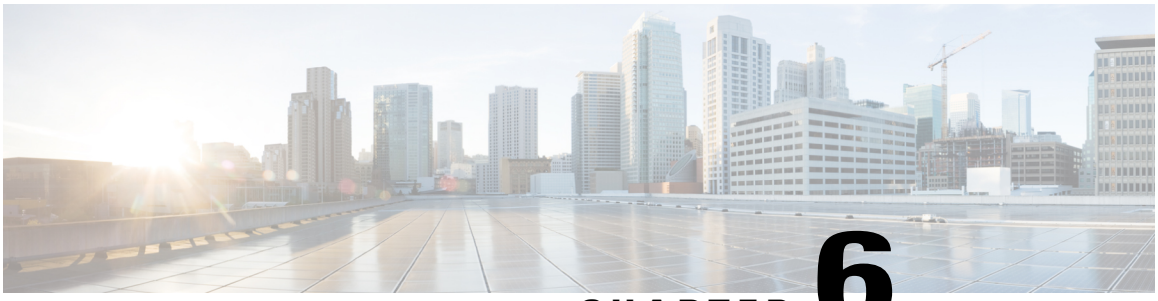
Table 9: Cisco Nexus 2000 Series Fabric Extenders

Product/Component	Part Number
Nexus 2348 Chassis	N2K-C2348TQ-10GE
Cisco Nexus 2148 1 GE Fabric Extender	N2K-C2148T-1GE
Cisco Nexus 2224TP Fabric Extender	N2K-C2224TP-1GE

Product/Component	Part Number
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

Table 10: 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 7.1:

- Cisco Prime DCNM, Release 7.1(2), Caveats, page 22
- Cisco Prime DCNM, Release 7.1(1), Caveats, page 23

Cisco Prime DCNM, Release 7.1(2), Caveats

Resolved Caveats

The following table lists the Resolved bugs for Cisco Prime DCNM, Release 7.1(2).

Bug ID	Headline
CSCuo31949	Admin >logs >web reports not showing logs for executed reports.
CSCus02931	WebUI: Health->vpc displays n/a for vpc leg fex port channel.
CSCus03320	SME Web Client Host Section Not Displaying Host Info Resulting Error.
CSCus27527	December 2014 - NTPd.org Vulnerabilities.
CSCus77553	DCNM 7.1.1 - Can not delete zone from zone set

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.1(2).

Bug ID	Headline
CSCul88797	Connection between Fex and N1k not shown for 2 layer vPC.
CSCuo15884	Topology view: Incorrect Discovery Port.
CSCus87367	Upgraded dcnm from 7-0-2 to 7-1-1-32S0 and reports from 702 are not there.
CSCus87435	Upgraded dcnm from 7-0-2 to 7-1-1-103 and LDAP auth not working anymore.
CSCut13133	SAN client summary E/TE port count matches with web client dashboard.
CSCut78596	Upgraded dcnm from 7-0-2 to 7-1-1-103 -not able to https as before upgd.
CSCut81564	Edit SMIS provider window doesnt show by which server array is managed.
CSCut82082	SAN client launch "DCNM server" field issue OVA setup.

Bug ID	Headline
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.

Cisco Prime DCNM, Release 7.1(1), Caveats

Resolved Caveats

The following table lists the Resolved bugs for Cisco Prime DCNM, Release 7.1(1).

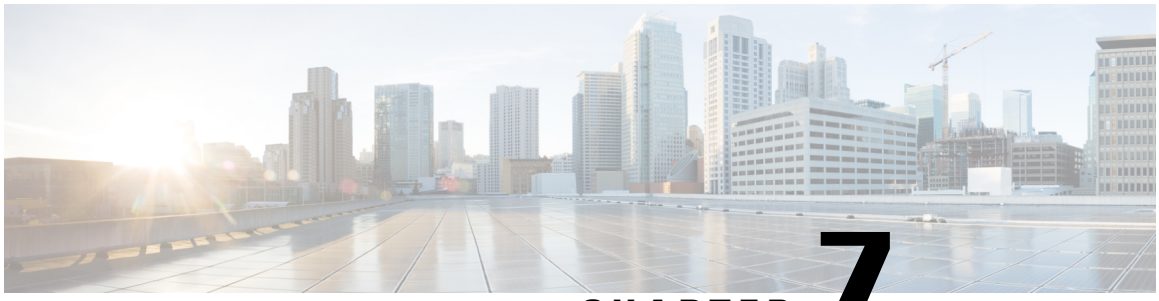
Bug ID	Headline
CSCuf73759	Discovering setup for two layer vpc one by one.
CSCuo18159	NPV Setup Wizard shows error while enabling NPV.
CSCup75509	TACACS & Radius auth for WebUI login failing, but LAN & SAN login working.
CSCun86190	POAP template: modify value for array type parameter not taking effect.
CSCur48635	Multi-role LDAP authentication on DCNM fails.
CSCus00241	Cisco DCNM FileServlet Information Disclosure Vulnerability.

Open Caveats

The following table lists the Open bugs for Cisco Prime DCNM, Release 7.1(1).

Bug ID	Headline
CSCul88797	Connection between Fex and N1k not shown for 2 layer vPC.
CSCuo15884	Topology view: Incorrect Discovery Port.
CSCuo31949	Admin >logs >web reports not showing logs for executed reports.
CSCus02931	WebUI: Health->vpc displays n/a for vpc leg fex port channel.

Bug ID	Headline
CSCus03320	SME Web Client Host Section Not Displaying Host Info Resulting Error.
CSCus77553	DCNM 7.1.1 - Can not delete zone from zone set



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 DCNM Installation Guide, Release 7.1.x
- Cisco DCNM Fundamentals Guide, Release 7.1.x
- Cisco Prime DCNM REST API 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.