



## **Cisco DCNM Release Notes, Release 11.5(2)**

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# CHAPTER 1

## Overview

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- [Overview, on page 1](#)

## Overview

Cisco Data Center Network Manager (DCNM) is the comprehensive management solution for all NX-OS deployments spanning LAN Fabric, SAN, and IP Fabric for Media (IPFM) networks in data centers powered by Cisco. DCNM 11 automates Cisco MDS Switches and Cisco Nexus Family infrastructure, for data center management across Cisco Nexus 1000, 2000, 3000, 5000, 6000, 7000, and 9000 Series Switches in NX-OS mode. From Release 11.3(1), Cisco DCNM also supports non-Nexus devices, such as, IOS-XE, IOS-XR, and non-Cisco devices. DCNM 11 being a multi-fabric controller, it lets you manage many devices both legacy and new age fabric deployments simultaneously, while providing ready-to-use control, management, and automation capabilities for all these environments.

For more information, see <https://www.cisco.com/c/en/us/products/cloud-systems-management/prime-data-center-network-manager/index.html>.



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Cisco DCNM Release 11.5(2) offers a Software Maintenance Update (SMU) that can be applied only on top of the DCNM Release 11.5(1) for the OVA/ISO/Appliance form factor. The DCNM LAN Fabric 11.5(2) release is the first release version that supports Cisco Nexus Insights, Release 5.1 or higher, with Cisco Nexus Dashboard, Release 2.0.2 or higher. In addition, DCNM Release 11.5(2) also offers Cisco SAN Deployment on Windows and Linux.



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**Note** Cisco DCNM Release 11.5(2) does not support installation or upgrading DCNM Media Controller (IPFM) deployment.

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To download the Cisco DCNM software, go to [Cisco DCNM Software Download](#), click **Download Software**.

Cisco DCNM LAN Fabric deployment with Compute nodes allows you to install Network Insights applications via the Cisco DCNM Web UI. Refer to *Cisco DCNM LAN Fabric Configuration Guide*.

This document provides the Release Notes for Cisco DCNM, Release 11.5(2). Use this document with the documents that are listed in the [Related Documentation, on page 21](#).

The following table shows the change history for this document.

**Table 1: Change History**

Date	Description
22 December 2021	Added Software Maintenance Update for log4j2 Vulnerability
23 April 2021	Published Release Notes for Cisco DCNM Release 11.5(2)



## CHAPTER 2

# System Requirements

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This chapter lists the tested and supported hardware and software specifications for Cisco Data Center Network Management (DCNM) server and client architecture. The application is in English locales only. This chapter contains the following section:

- [System Requirements, on page 3](#)

## System Requirements

This section describes the various system requirements for proper functioning of your Cisco DCNM Release 11.5(2).



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**Note** We recommend that you do not upgrade any underlying third-party software separately. All the necessary software components will be updated during the inline upgrade procedure. Upgrading the components outside of DCNM upgrade causes performance issues.

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- [Java Requirements, on page 3](#)
- [Server Requirements, on page 4](#)
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- [Client Hardware Requirements, on page 6](#)
- [Supported Web Browsers, on page 6](#)
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**Note** If you are deploying Network Insights applications on the Cisco DCNM Compute cluster, refer to the app-specific release notes for additional CPU or memory requirements for Computes.

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### Java Requirements

The Cisco DCNM server is distributed with JRE 11.0.8 into the following directory:

DCNM\_root\_directory/java/jdk11

### Server Requirements

Cisco DCNM Release 11.5(2), supports the Cisco DCNM server on these 64-bit operating systems:

- **SAN Deployments:**

- Microsoft Windows 2016
- Microsoft Windows 2012 R2 update 2919355
- Red Hat Enterprise Linux Release 7.8, 8.1, and 8.2
- Open Virtual Appliance (OVA) with an integrated CentOS Linux release 7.8
- ISO Virtual Appliance (ISO) with an integrated CentOS Linux release 7.8

- **LAN Fabric Deployments:**

- Open Virtual Appliance (OVA) with an integrated CentOS Linux release 7.8
- ISO Virtual Appliance (ISO) with an integrated CentOS Linux release 7.8

### Database Requirements

Cisco DCNM Release 11.5(2) supports the following databases:

- Oracle 11g Express (XE), Standard, and Enterprise Editions, and Oracle 11g Real Application Clusters (RAC)
- Oracle 12c Enterprise Edition (Conventional)—(Nonpluggable installation)



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**Note** Oracle 12c pluggable database version installation is not supported.

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- Oracle 12c RAC (nonpluggable installation)
- PostgreSQL 10.15 - For OVA/ISO deployments
- PostgreSQL 10.15 - For Linux/OVA/ISO deployments
- PostgreSQL 10.15 - For Windows deployments



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**Note** The database size increases according to the number of nodes and ports that the DCNM manages, with Performance Manager Collections enabled. You cannot restrict the database size. If you choose an Oracle database, we recommend that you use Oracle SE or Enterprise edition, instead of Oracle XE due to table space limitations.

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**Note** You are responsible for all the support that is associated with the Oracle databases, including maintenance, troubleshooting, and recovery. We recommend that you take regular backup of the database; either daily or weekly, to ensure that all the data is preserved.



**Note** The ISO and OVA installations support only the embedded PostgreSQL database.

### Server Resource (CPU/Memory) Requirements



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

**Table 2: System Requirements for Cisco DCNM SAN Deployment**

Deployment Type	Small (Lab or POC)	Large (Production)	Huge (Production with SAN Insights)
Windows	CPU: 8 vCPUs RAM: 24 GB DISK: 500 GB	CPU: 16 vCPUs RAM: 32 GB DISK: 500 GB	Not supported
Linux (RHEL)	CPU: 8 vCPUs RAM: 24 GB DISK: 500 GB	CPU: 16 vCPUs RAM: 32 GB DISK: 500 GB	CPU: 32 vCPUs RAM: 128 GB DISK: 2 TB

If the existing Elasticsearch database is more than 250GB, Cisco DCNM Server requires more than 500GB HDD space to complete reindexing.

Ensure that there is enough disk space to the root partition or mount another disk where the `/tmp` directory can be mounted during the installation or upgrade.

Allocate sufficient disk space to the root partition to complete DCNM installation and for stable continuous operation of the DCNM applications. Refer to the applications' User guides for disk space requirements. You can mount another disk where the `/tmp` directory can be mounted during the installation or upgrade. You can also add additional disk space and the disk file system using **`appmgr system scan-disks-and-extend-fs`** command.



- Note**
- From Release 11.3(1), Cisco DCNM Windows deployments does not support the SAN Insights feature.
  - Cisco SAN Insights feature is only supported with the Huge deployment.
  - Every federation deployment consists of three large configuration nodes.
  - From Cisco DCNM Release 11.2(1), synchronize the Federation nodes from the Primary node only.

### Client Hardware Requirements

Cisco DCNM SAN desktop client and Cisco Device Manager support Microsoft Windows 10, Microsoft Windows 2012, Microsoft Windows 2016, and Red Hat Linux. The following table lists the minimum hardware requirements for these client systems.

Hardware	Minimum Requirements
RAM (free)	6 GB or more
CPU speed	3 GHz or faster
Disk space (free)	20 GB

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

Some Cisco DCNM features require a license. Before using the licensed features, install a Cisco DCNM license for each Nexus-managed or MDS-managed platform. For information about Licensing in DCNM, see [https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/11\\_x/licensing/cisco\\_dcnm\\_licensing\\_guide\\_11\\_x.html](https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/11_x/licensing/cisco_dcnm_licensing_guide_11_x.html).

### Supported Web Browsers

Cisco DCNM supports the following web browsers:

- Google Chrome version: 86.0.4240.198
- Mozilla Firefox version: 82.0.3 (64-bit)
- Microsoft Edge version: 86.0.622.63

### Other Supported Software

The following table lists the other software that is supported by Cisco DCNM Release 11.5(2).

**Table 3: Other Supported Software**

Component	Features
Security	<ul style="list-style-type: none"><li>• ACS versions 4.0, 5.1, 5.5, and 5.8</li><li>• ISE version 2.6</li><li>• ISE version 3.0</li><li>• Telnet Disabled: SSH Version 1, SSH Version 2, Global Enforce SNMP Privacy Encryption.</li><li>• Web Client and Cisco DCNM-SAN Server Encryption: HTTPS with TLS 1, 1.1 and 1.2</li><li>• TLS 1.3</li></ul>
OVA\ISO Installers	CentOS 7.8/Linux Kernel 3.10.x

Also, Cisco DCNM supports call-home events, fabric change events, and events that are forwarded by traps and email.





## CHAPTER 3

# Guidelines and Limitations

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- [Guidelines and Limitations, on page 9](#)
- [Checking TPM Partition before Converting DCNM-SE to Nexus Dashboard, on page 12](#)

## Guidelines and Limitations

- Ensure that you have installed Visual C++ Redistributable Packages for Visual Studio 2013 64 bit before installing or upgrading to Cisco DCNM Release 11.4(1).
- To check the status of the running Postgres database in Native HA setup, use **pg\_ctl** command. Do not use the **systemctl** command.
- Do not begin the password with Hash (#) symbol. Cisco DCNM considers the password as an encrypted text if it begins with # symbol.
- Restoring DCNM with changes in IP addresses is not supported.

- **POAP Dynamic Breakout**—From Cisco NX-OS Release 7.0(3)I4(1), POAP dynamically breaks out ports to detect a DHCP server behind one of the broken-out ports. Previously, the DHCP server that is used for POAP was directly connected to a normal cable as the breakout cables were not supported. POAP determines which breakout map (for example, 10gx4, 50gx2, 25gx4, or 10gx2) brings up the link that is connected to the DHCP server. If breakout is not supported on any of the ports, POAP skips the dynamic breakout process. After the breakout loop completes, POAP proceeds with the DHCP discovery phase as normal.

Cisco DCNM leverages the dynamic breakout to simplify the fabric setup by retaining successful breakout configuration. Since dynamic breakout requires the other side of the link to be active, there are circumstances where you must manually breakout interfaces, or may notice breakout in places which are not desired. In those situations, you must adjust the ports on the Interfaces page before performing Save and Deploy in the Fabric Builder.

- Before using the licensed features, install a Cisco DCNM license for each Nexus-managed or MDS-managed platform. For information about licensing, see the [Cisco DCNM Licensing Guide, Release 11.x](#).
- Create a free-form configuration on all the white box switches that are managed by Cisco DCNM as shown below, and deploy them on all the switches before the final Save and Deploy operation.

```
line console
speed 115200
stopbits 2
```

This is only applicable to the Cisco DCNM LAN Fabric mode.

- On Microsoft Windows 2016 Standard server, run the Cisco DCNM installation EXE file as an administrator. Cisco DCNM installation will not start on Microsoft Windows 2016 Standard server unless you set the EXE file as an administrator. To start the installation EXE file, you can right-click on the EXE file, and choose **Run as administrator**.
- When the Cisco Nexus 9000v Virtual Switches are cloned, they may use the same serial number. Since Cisco DCNM discovers them using the same serial number, the device discovery operation fails.
- You cannot access the Cisco DCNM Web UI, when the user system is configured with the same IP address range as that of internal subnet used by the Application Framework in DCNM. For more information, see *Cisco DCNM Troubleshooting Guide*.
- Though you can delete PMN hosts, we recommended that you use this option with extreme caution, understanding that manual effort is needed to bring the solution back in sync.
- Cisco DCNM in Media Controller Deployment Release 11.x does not support non-default VRFs for Cisco Nexus 9000 Release 9.3(x).
- Cisco DCNM does not support suspending or unsuspending of the VMs.
- If NIR was installed and stopped, it does not stop service containers running on DCNM compute nodes. If the NIR application is deleted from DCNM, a few service containers continue to run DCNM compute nodes and must be stopped manually using **afw service** commands.
- When NIR/NIA applications is enabled at higher scale, that is, with 250 switches and 10000 Hardware telemetry flows, DCNM Computes nodes must be connected on all eth0, eth1, and eth2 interfaces using a 10Gig link.
- For leaf-leaf ports in non-VPC cases, DCNM will always push the **shutdown** command. If you want to bring up the port, add the **no cdp enable** command to the interface freeform policy on one of the ports. For leaf-leaf or border-border connected ports in non-VPC cases, DCNM will always push the **shutdown** command to avoid the potential of loops in a VXLAN EVPN fabric. To bring up the port, add **no cdp enable** command to the interface freeform policy on one of the ports. Consequently, the link will however not be discovered and consequently not show up in the topology but the interfaces will still be up.
- Two-factor authentication is not supported in DCNM.
- After the eth0 IP address (for standalone deployment) or the vip0 IP address (for Native HA deployment) is modified using the **appmgr update network-properties** command, on the **Web UI > Administration > MultiSite Manager** does not display the correct IP address for AMQP.
- When a Nexus Dashboard server is adding a Site from DCNM 11.5(1), it must reach the DCNM server over the Data Network. DCNM Data Network connectivity is defined to be over eth2 interface of the DCNM server; also known as Inband Connectivity interface in DCNM. When the eth2 connectivity of the DCNM with the Data Network Connectivity of the Nexus Dashboard is spanning multiple subnets, that is, when they are Layer3 Route connected, you must add routes in DCNM before adding the Site on ND. To add route over the Inband Network in DCNM, on the Cisco DCNM Web UI, choose **Administration > Customzation > Network Preferences**. Enter the Routes to the ND Data Network over the In-band(eth2) inputs of the dashlet. For more information, see [Network Preferences-Routes](#).
- From Release 11.4(1), Cisco DCNM does not support syncing fabric with switches in VTP server mode. For more information, refer to [CSCvx86976](#).

- While upgrading from DCNM Release 11.5(1) to Release 11.5(4), if you try to retain when the CA-signed certificates, DCNM fails to launch. For more information, see [CSCwb97942](#).
- In a DCNM managed by NDO, the MSD fabric backup is not restored completely. The MSD fabric is reverted to the time where the deployed networks created on NDO are not yet available. While the fabric shows as in sync in DCNM, there will be no configuration drift notifications in NDO.
- In Cisco DCNM SAN deployment, if the DCNM server streaming the SAN analytics is over-utilized, the Elasticsearch database service goes down. This results in performance issues. The Pipeline service may be consuming all the CPU and system resources on the Cisco DCNM server. To troubleshoot this, do the following task:
  1. Stop the Pipeline service.
  2. Reduce the streaming load from the MDS fabric.
  3. Start Elasticsearch service.
  4. Start the Pipeline service.
- From Cisco DCNM Release 11.5(2), VLAN range is extended. After patch update for LAN Fabric deployment, you can set VLAN range to 4094.
- In Cisco DCNM SAN deployment, when you enable or disable alarms on a Primary node, it will not be applied to all the nodes in the Federation. You must manually enable or disable alarms on all nodes on all servers in the Federation setup. You must restart the DCNM Server to apply the changes.
- In Cisco DCNM SAN deployment, when you modify the server properties on Cisco DCNM **Web UI > Administration > DCNM Server > Server Properties** on a Primary node, it will not be applied to all the nodes in the Federation. You must manually make the changes to the server properties on all nodes on all servers in the Federation setup. You must restart the DCNM Server to apply the changes.
- SAN Insights is best supported on Linux from Release 11.0(1), and on Cisco DCNM OVA/ISO deployments from Release 11.3(1).
- From Cisco DCNM Release 11.3(1), you cannot download the SAN Client package from the Software Downloads page. You must install Cisco DCNM, launch Web UI to download the SAN Client and Device Manager. For more information, *Cisco DCNM Installation and Upgrade Guide for SAN Deployment*.
- In Releases prior to 11.4, if you have installed a preview feature, perform the following before you upgrade to Release 11.4(1):
  - Remove the configuration from older release setup.
  - Reset the property to enable the preview feature. On the Cisco DCNM Web UI, choose **Administration > DCNM Server > Server Properties**. Reset the **enable preview feature** property.

Certain commands must not be executed on Cisco DCNM, as they may harm the functionality of various components on the network. The following table shows the commands and specifies the reason why they must not be executed.

Table 4: List of Commands that must not be executed on Cisco DCNM

Command	Reason
<code>systemctl restart network</code>	This is a common Linux command that the network administrators use when editing the interface properties. The command has shown to render the DCNM useless when converting to the cluster mode.
<code>ifconfig ethx y.y.y/zz</code>	Any change in the IP addresses of the DCNM nodes must be done with the <code>appmgr update network-properties</code> command. This includes changing the FQDN, adding static routes, adding/removing NTP servers etc.

## Checking TPM Partition before Converting DCNM-SE to Nexus Dashboard

A few Cisco Application Services Engine (SE) nodes that was factory pre-installed with DCNM 11.5(2) or earlier may have a corrupted TPM partition. This causes the installation of Cisco Nexus Dashboard software to fail. You must check the TPM Partition before upgrading from Cisco DCNM-SE to Cisco Nexus Dashboard.



**Note** TPM is not a requirement for DCNM 11.x releases. Therefore, this issue does not affect existing DCNM 11.x functionality of the device, even if the device is affected by this issue. No further action is required until you decide to upgrade to Cisco Nexus Dashboard.

To identify if your Cisco DCNM-SE is affected by this issue, perform the following steps:

**Step 1** SSH to Cisco Application Services Engine using `sysadmin` user.

**Step 2** Run the following command to view the list of models and their vendors.

### lsblk-S

```
[root@dcnm-se-active sysadmin]$ lsblk -S
NAME    HCTL          TYPE    VENDOR  MODEL          REV  TRAN
...
sdc     0:2:2:0       disk    Cisco   UCSC-RAID12G-2GB  5.10
sdd     0:2:3:0       disk    Cisco   UCSC-RAID12G-2GB  5.10
sde     0:2:4:0       disk    Cisco   UCSC-RAID12G-2GB  5.10
sdf     7:0:0:0       disk    UNIGEN  PQT8000          1100 usb /*identiifying device from UNIGEN
Vendor*/
sdg     8:0:0:0       disk    UNIGEN  PHF16H0CM1-ETG   PMAP  usb
sdl     1:0:0:0       disk    ATA     Micron_5100_MTFD H072  sata
...
```

Applications Services Engine from **UNIGEN** vendor is detected with device name **sdf**.

**Step 3** Run the following command to view the partitions in the disk.

### lsblk -s or lsblk

- Example1



The following example shows functioning TPM disk with two partitions sdf1 and sdf2. This can be installed with Cisco Nexus Dashboard software with no issues.

```
[root@dcnm-se-active sysadmin]$ lsblk
NAME                                MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
...
sdc                                  8:32  0   2.2T  0 disk
sdd                                  8:48  0   2.2T  0 disk
sde                                  8:64  0  371.6G  0 disk
sdf                                8:80  1   7.7G  0 disk /*functioning TPM with partition*/
  |--sdf1                            8:81  1    60M  0 part
  |--sdf2                            8:82  1   3.7G  0 part
nvme0n1                              259:0  0   1.5T  0 disk
  |--nvme0n1p1                       259:1  0   1.5T  0 part
    |--flashvg-flashvol 253:3  0   1.5T  0 lvm  /var/afw/vols/data/flash
...
```

#### • Example2

The following example shows defective or corrupted TPM disk with no partitions defined on device sdf. This unit cannot be used to install Cisco Nexus Dashboard software, and must be replaced.

```
[root@dcnm-se-active sysadmin]$ lsblk
NAME                                MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
...
sdc                                  8:32  0   2.2T  0 disk
sdd                                  8:48  0   2.2T  0 disk
sde                                  8:64  0  371.6G  0 disk
sdf                                8:80  1   16G  0 disk /*corrupted TPM without partition*/
nvme0n1                              259:0  0   1.5T  0 disk
  |--nvme0n1p1                       259:1  0   1.5T  0 part
    |--flashvg-flashvol 253:3  0   1.5T  0 lvm  /var/afw/vols/data/flash
...
```

**Step 4** If your device has a TPM disk with no partitions, contact Cisco Technical Assistance Center (TAC) to initiate RMA and replace the device.

No further action is required if your TPM has partitions.





## CHAPTER 4

# New Features and Enhancements

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- [New Features and Enhancements, on page 15](#)

## New Features and Enhancements

Cisco Data Center Network Manager (DCNM) includes the new features, enhancements, and hardware support that are described in the following section:

### New Features and Enhancements in Cisco DCNM, Release 11.5(2)

These following sections include information about the new features, enhancements, and hardware support introduced in the Cisco DCNM Release 11.5(2).

- [LAN Fabric Deployment Enhancements, on page 15](#)
- [SAN Deployment Enhancements, on page 16](#)
- [Licensing Enhancements, on page 16](#)

#### LAN Fabric Deployment Enhancements

The following features are new in Cisco DCNM Release 11.5(2) for the LAN Fabric Deployment.

#### Software Maintenance Update to address Log4j2 vulnerability

Cisco DCNM Release 11.5(2) provides Software Maintenance Update (SMU) to address **CVE-2021-45046** and **CVE-2021-44228** issue. Note that CVE-2021-45105 has a lower severity and not used in DCNM with default configuration, therefore it is not addressed here.

For more information, refer to *Installing Software Maintenance Update for log4j2 Vulnerability* chapter in [Cisco DCNM Installation Guide](#) for your deployment type.

#### Support for Nexus Insights, Release 5.1 on Nexus Dashboard

To use NI 5.1+ applications, you must install Software Maintenance Update (SMU) version 11.5(2) on the base installation of DCNM Release 11.5(1). Refer to [Installing Software Maintenance Update](#) in *Cisco DCNM Installation and Upgrade Guide for LAN Fabric Deployment, Release 11.5(1)* for instructions about how to install the SMU.



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**Note** Ensure that you plan for a maintenance window to install SMU version 11.5(2).

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For more information about Nexus Insights, refer to [Cisco Nexus Insights Release Notes, Release 5.1\(1\) for Cisco DCNM](#).

### **SAN Deployment Enhancements**

The following features are new in Cisco DCNM Release 11.5(2) for the SAN Deployment.

#### **Support for specific beta equipment support**

Cisco DCNM SAN Deployment using Windows and Linux installers supports specific beta equipment support. To enable this support with DCNM SAN OVA/ISO deployment, install Software Maintenance Update (SMU) version 11.5(2) on the base installation of Cisco DCNM Release 11.5(1). Refer to [Installing Software Maintenance Update](#) in *Cisco DCNM Installation and Upgrade Guide for SAN Deployment, Release 11.5(1)* for instructions about how to install the SMU.

#### **Licensing Enhancements**

For a more detailed overview on Cisco Licensing, go to <https://www.cisco.com/c/en/us/buy/licensing/licensing-guide.html>.



## CHAPTER 5

# Upgrading Cisco DCNM

This chapter provides information about upgrading Cisco DCNM, and contains the following section:

- [Upgrading to Cisco DCNM Release 11.5\(2\), on page 17](#)

## Upgrading to Cisco DCNM Release 11.5(2)

The following table summarizes the type of upgrade that you must follow to upgrade to Release 11.5(2).

Current Release Number	Deployment Type	Upgrade type to upgrade to Release 11.5(2)
11.5(1)	LAN Fabric	<a href="#">Software Maintenance Upgrade (SMU) version 11.5(2)</a> <b>Note</b> SMU version 11.5(2) is required to use Cisco Nexus Insights Release 5.1
11.5(1)	Media Controller (IP for Media)	Not supported

Current Release Number	Deployment Type	Upgrade type to upgrade to Release 11.5(2)
11.5(1)	SAN OVA/ISO  <b>Note</b> This upgrade is supported only for specific beta equipment support only. For all other supported hardware, we recommend that you deploy Cisco DCNM Release 11.5(1).	<a href="#">Software Maintenance Upgrade (SMU) version 11.5(2)</a>
	SAN Windows and Linux Installers  <b>Note</b> This upgrade is supported only for specific beta equipment only. For all other supported hardware, we recommend that you deploy Cisco DCNM Release 11.5(1).	<a href="#">To Windows → Inline Upgrade</a> <a href="#">To Linux → Inline Upgrade</a>



## CHAPTER 6

# Caveats

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- [Caveats, on page 19](#)
- [Resolved Caveats, on page 19](#)
- [Open Caveats, on page 20](#)

## 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, click the **Caveat ID/Bug ID** number in the table. The corresponding **Bug Search Tool** window 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 [Bug Search Tool Help & FAQ](#).

This chapter lists the Open and Resolved Caveats in Cisco DCNM, and contains the following section:

## Resolved Caveats

The following table lists the Resolved bugs for Cisco DCNM, Release 11.5(2).

Caveat ID Number	Description
<a href="#">CSCvw83380</a>	IPAM: Failure to load IP-Allocation records after upgrade from DCNM 11.4 to 11.5
<a href="#">CSCvw85354</a>	Errors are not reported during PTP configurations
<a href="#">CSCvw86814</a>	After Brownfield Import of Networks to MSO and deployment , Moved to pending state on DCNM
<a href="#">CSCvw86849</a>	Update on MSO vrf/nets global parameters is not reflected on the MSD level but on the fabric level
<a href="#">CSCvw87461</a>	Template save for network failed on MSD level when created a network on MSO with specific parameters
<a href="#">CSCvx49721</a>	Event forwarder Rule fails for Traps

## Open Caveats

The following table lists the Open bugs for Cisco DCNM, Release 11.5(2).

Caveat ID Number	Description
<a href="#">CSCvx64766</a>	VRFs were failed to get created on the dcnm from MSO as template had some ASN error
<a href="#">CSCvx67023</a>	Vrf deployment on the VPC switches failed - peer attach response failed
<a href="#">CSCvx73489</a>	some devices are not discovered in DCNM due to SSH time out
<a href="#">CSCvx78714</a>	Archive FTP credentials failing for First time for SAN switches on 8.5.1 image as prompt msg differ
<a href="#">CSCvx84434</a>	RM allocates already used Network ID when creating route-peering
<a href="#">CSCvx88158</a>	After VRF deployment from MSO , Edit and save of the vrf on dcnm is causing a profile refresh
<a href="#">CSCvx89800</a>	After upgrade to 11.5(2) NXOS will show up twice in image uploaded because REST API return twice
<a href="#">CSCvy08120</a>	Template deployment failed to negate the network/vrf deployed from dcnm





## CHAPTER 7

# Related Documentation

This chapter provides information about the documentation available for Cisco Data Center Network Manager (DCNM) and the platforms that Cisco DCNM manages, and includes the following sections:

- [Navigating the Cisco DCNM Documentation, on page 21](#)
- [Platform-Specific Documents, on page 22](#)
- [Documentation Feedback, on page 23](#)
- [Communications, Services, and Additional Information, on page 23](#)

## Navigating the Cisco DCNM Documentation

This document describes and provides links to the user documentation available for Cisco Data Center Network Manager (DCNM). To find a document online, use one of the links in this section.

### Cisco DCNM 11.5(2) Documentation Roadmap

*Table 5: Cisco DCNM 11.5(2) Documentation*

Document Title	Description
<a href="#">Cisco DCNM Release Notes, Release 11.5(2)</a>	Provides information about the Cisco DCNM software release, open caveats, and workaround information.
<a href="#">Cisco DCNM Compatibility Matrix, Release 11.5(2)</a>	Lists the Cisco Nexus and the Cisco MDS platforms and their software releases that are compatible with Cisco DCNM.
<a href="#">Cisco DCNM Scalability Guide</a>	Lists the supported scalability parameters for Cisco DCNM, Release 11.5(2).

Document Title	Description
<a href="#">Cisco DCNM Configuration Guides</a>	<p>Provides conceptual and procedural information about all the features supported with this deployment.</p> <ul style="list-style-type: none"> <li>• <a href="#">Cisco DCNM LAN Fabric Configuration Guide, Release 11.5(2)</a></li> <li>• <a href="#">Cisco DCNM SAN Management Configuration Guide, Release 11.5(2)</a></li> </ul> <p><b>Note</b> Cisco DCNM Release 11.5(2) does not support upgrading IP Fabric for Media (IPFM) deployment.</p>
<a href="#">Cisco DCNM Installation and Upgrade Guides</a>	<p>These documents guide you to plan your requirements and deployment of the Cisco Data Center Network Manager.</p> <ul style="list-style-type: none"> <li>• <a href="#">Cisco DCNM Installation and Upgrade Guide for LAN Fabric Management Deployment, Release 11.5(2)</a></li> <li>• <a href="#">Cisco DCNM Installation and Upgrade Guide for SAN Deployment, Release 11.5(2)</a></li> </ul> <p><b>Note</b> Cisco DCNM Release 11.5(2) does not support upgrading IP Fabric for Media (IPFM) deployment.</p>
<a href="#">Cisco DCNM Licensing Guide, Release 11.x</a>	Describes the procedure used to generate, install, and assign a Cisco Data Center Network Manager (DCNM) license.
<a href="#">Software Upgrade Matrix for Cisco DCNM 11.5(2)</a>	Lists the software upgrade paths that are supported for DCNM.
<a href="#">Cisco Data Center Network Manager Open Source Licensing, Release 11.5(2)</a>	Provides information about the Cisco Data Center Network Manager Open Source Licensing, Release 11.5(2).
<a href="#">Cisco DCNM REST API Guide, Release 11.5(2)</a>	Cisco DCNM provides REST APIs that allow third parties to test and develop application software. The REST API documentation is packaged with Cisco DCNM, and can be accessed through any browser.
For other documentation supporting Release 11.5(2), refer to <a href="#">Cisco DCNM 11.5(2) Documentation Roadmap</a> .	

## Platform-Specific Documents

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

### Cisco Nexus 2000 Series Fabric Extender Documentation

<https://www.cisco.com/c/en/us/products/switches/nexus-2000-series-fabric-extenders/index.html>

**Cisco Nexus 3000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-3000-series-switches/series.html>

**Cisco Nexus 4000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-4000-series-switches/series.html>

**Cisco Nexus 5000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-5000-series-switches/series.html>

**Cisco Nexus 6000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-6000-series-switches/series.html>

**Cisco Nexus 7000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-7000-series-switches/series.html>

**Cisco Nexus 9000 Series Switch Documentation**

<https://www.cisco.com/c/en/us/support/switches/nexus-9000-series-switches/series.html>

**Day-2 Operation Applications Documentation**

- [Cisco Network Insights for Data Center](#)
- [Cisco Network Insights Base \(Cisco NIB\)](#)

## 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](mailto:dcnm-docfeedback@cisco.com).

We appreciate your feedback.

## Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco Marketplace](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).
- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

### Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.