



New Features and Enhancements

Cisco Data Center Network Manager (DCNM), Release 10.4(2) includes the new features, enhancements, and hardware support that are described in the following section:

- [New Features and Enhancements in Cisco DCNM, Release 10.4\(2\), on page 1](#)

New Features and Enhancements in Cisco DCNM, Release 10.4(2)

This section includes information about the new features, enhancements, and hardware support for Cisco DCNM, Release 10.4(2).

PIM Router

The PIM Router feature introduced in the 10.4(2) release enables multicast traffic flow between DCNM managed and external fabrics. This is for IP Fabric for Media and therefore this feature supports the exchange of media flows between an DCNM managed IP fabric for media and external systems. A border leaf switch facilitates multicast traffic between the fabric's hosts and remote hosts.

For more information about this feature, see the DCNM [Web Client Online Help](#).

Inline Upgrade

The Standalone Inline Upgrade and DCNM Native HA Inline Upgrade methods have been introduced as alternatives to the existing upgrade methods for OVA and ISO. Users can now upgrade with a fewer number of steps for these upgrade methods. For more information about the inline upgrade methods, see the [Standalone Inline Upgrade for OVA/ISO section of the Cisco DCNM Installation Guide, Release 10.4\(2\)](#).

LAN Fabric Provisioning Enhancements

This release supports multi-select, separation of VRF and Network deployment, and L2 and L3 extension via Border devices. For more information about this feature, see the Cisco DCNM [Web Client Online Help](#).

NFM to DCNM Overlay Migration

Cisco Nexus Fabric Manager (NFM) provides a simple point-and-click approach to build and manage both the underlay spine-leaf topology and the VXLAN overlay. Since it is fully fabric aware, it understands how the fabric should operate and can autonomously configure and maintain fabric health throughout its lifecycle. You can migrate your existing Cisco NFM deployments to Cisco DCNM to gain additional capabilities.

Cisco DCNM 10.4(2) provides a migration assistant to read and migrate the NFM-generated configurations of a switch into the LAN Fabric Provisioning functions of Cisco DCNM. For more information about this feature, see the Cisco DCNM [Web Client Online Help](#).

Network Operator View for Config Archive

The Switch dashboard has a new tab that shows archives for the selected device.

Preview Features

In Cisco DCNM Release 10.4(2), the following two features have been introduced for preview for LAN deployments. The idea behind the preview features is to allow customers to provide some early feedback that can then be incorporated into the General Availability (GA) release of these features. The preview features have not been qualified for any scaled environments.

- Compute Visibility with VMware Virtual Center (vCenter)
- Environmental Metrics visibility via streaming telemetry

These features are only available in the OVA form factor for DCNM 10.4.2. The installer options in which these features are supported are:

- VXLAN Fabric
- LAN, SAN, Auto-Config

For more information about this feature, see the Cisco DCNM [Web Client Online Help](#).