



## **Cisco DCNM Compatibility Matrix, Release 11.5(4)**

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Revised: October 12, 2023

# Cisco DCNM Compatibility Matrix

## Compatibility Matrix for Cisco DCNM, Release 11.5(4)



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**Note** Cisco [DCNM Compatibility Matrix Tool](#) provides an intuitive/interactive tool to find the NXOS version compatible with the DCNM release version.

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The following sections provide information regarding the Compatibility of Cisco DCNM Release 11.5(1) with various switches, applications, and other devices.

- [Compatibility Matrix for Each Installation Type, on page 3](#)
- [Compatibility Matrix for Cisco DCNM SAN Deployment, on page 4](#)
- [Compatibility Matrix for Cisco DCNM and Applications, on page 6](#)
- [Compatibility Matrix for Supported Non-Nexus Devices and Versions, on page 7](#)

### Compatibility Matrix for Each Installation Type

| Installation Type | Fabric Type                                   | Supported Releases   | Recommended Releases |
|-------------------|---|--|----------------------|
| LAN Fabric        | Newly provisioned VXLAN fabrics N9000, N9000v | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)<br><br>7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9), 7.0(3)I7(10) | 9.3(10), 10.2(4)     |
|                   | Newly provisioned VXLAN fabrics N3600         | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)   | 9.3(10), 10.2(4)     |
|                   | Migrating NFM-managed VXLAN fabric to DCNM    | 7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9), 7.0(3)I7(10)   | 7.0(3)I7(10)         |
|                   | Brownfield deployment for N9000               | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)<br><br>7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9), 7.0(3)I7(10) | 9.3(10), 10.2(4)     |
|                   | Brownfield deployment for N3600               | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)   | 9.3(10), 10.2(4)     |
|                   | External/LAN Classic Fabric N3000/3100/3500   | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)<br><br>7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9), 7.0(3)I7(10) | 9.3(10), 10.2(4)     |
|                   | External/LAN Classic Fabric N3600             | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4), 10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9), 9.3(10), 9.3(11)   | 9.3(10), 10.2(4)     |
|                   | External/LAN Classic Fabric N5000/5600/6000   | 7.3(11)N1(1), 7.3(8)N1(1), 7.3(5)N1(1)   | 7.3(8)N1(1)          |
|                   | External/LAN Classic Fabric N7000/7700        | 8.4(3), 8.2(8)   | 8.4(3)               |

| Installation Type         | Fabric Type                                  | Supported Releases  | Recommended Releases |
|---------------------------|--|---|----------------------|
|                           | External/LAN Classic Fabric<br>N9000, N9000v | 10.1(2), 10.2(1), 10.2(2), 10.2(3)F, 10.3(1), 10.2(4),<br>10.2(5)<br><br>9.3(4), 9.3(5), 9.3(6),9.3(7), 9.3(7a), 9.3(8), 9.3(9),<br>9.3(10), 9.3(11)<br><br>7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9),<br>7.0(3)I7(10) | 9.3(10), 10.2(4)     |
|                           | External Fabric for Non-Nexus<br>Devices     | <a href="#">Compatibility Matrix for Supported Non-Nexus Devices and Versions, on page 7</a>  |                      |
| IP for<br>Media<br>(IPFM) | —  | 10.1(1), 10.1(2), 10.2(1)F<br><br>9.3(5), 9.3(6), 9.3(7), 9.3(8), 9.3(9)  |                      |
| SAN                       | —  | <a href="#">Compatibility Matrix for Cisco DCNM SAN Deployment, on page 4</a>   |                      |

#### Compatibility Matrix for Cisco DCNM SAN Deployment

| Switches        | Supported Switch Releases   |
|-----------------|---|
| Cisco MDS 9100  | 9.2(2), 9.2(1), 9.2(1a)*<br><br>8.4(2f), 8.4(2e), 8.4(2d), 8.4(2c), 8.5(1), 8.4(2b), 8.4(2a), 8.4(2), 8.4.(1a), 8.4(1), 8.3(2),<br>8.3(1), 8.2(2), 8.2(1), 8.1(1b), 8.1(1a)<br><br>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br><br>6.2(33), 6.2(31), 6.2(29), 6.2(27), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15),<br>6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9),<br>6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1)<br><br>5.2(8i), 5.2(8h), 5.2(8g), 5.2(8f), 5.2(8e), 5.2(8d), 5.2(8c) |
| Cisco MDS 9200  | 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br><br>6.2(33), 6.2(31), 6.2(29), 6.2(27), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15),<br>6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9),<br>6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1)<br><br>5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)   |
| Cisco MDS 9250i | 9.2(2), 9.2(1), 9.2(1a)*<br><br>8.4(2f), 8.4(2e), 8.4(2d), 8.4(2c), 8.5(1), 8.4(2b), 8.4(2a), 8.4(2), 8.1(1b), 8.4.(1a), 8.4(1),<br>8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a)<br><br>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br><br>6.2(33), 6.2(31), 6.2(29), 6.2(27), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15),<br>6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9),<br>6.2(7), 6.2(5a), 6.2(5)  |

| Switches                | Supported Switch Releases  |
|-------------------------|--|
| Cisco MDS 9220i         | 9.2(2), 9.2(1), 9.2(1a)*<br>8.4(2f), 8.4(2e), 8.4(2d), 8.5(1)  |
| Cisco MDS 9300          | 9.2(2), 9.2(1), 9.2(1a)*<br>8.4(2f), 8.4(2e), 8.4(2d), 8.4(2c), 8.5(1), 8.4(2b), 8.1(1b), 8.4(2a), 8.4(2), 8.4(1a), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 8.4(1),<br>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br>6.2(33), 6.2(31), 6.2(29), 6.2(29), 6.2(27), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13)  |
| Cisco MDS 9500          | 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br>6.2(33), 6.2(31), 6.2(29), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1)<br>5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)   |
| Cisco MDS 9700          | 9.2(2), 9.2(1), 9.2(1a)*<br>8.4(2f), 8.4(2e), 8.4(2d), 8.4(2c), 8.5(1), 8.4(2b), 8.1(1b), 8.4(2a), 8.4(2), 8.4(1a), 8.4(1), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1)<br>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)<br>6.2(33), 6.2(31), 6.2(29), 6.2(27), 6.2(25), 6.2(23), 6.2.(21), 6.2(19), 6.2(17), 6.2(15), 6.2(13b), 6.2(13a), 6.2(13), 6.2(11c), 6.2(11b), 6.2(11), 6.2(9c), 6.2(9b), 6.2(9a), 6.2(9), 6.2(7), 6.2(5a), 6.2(5), 6.2(3), 6.2(1)                         |
| Cisco Nexus 9000 Series | 10.1(2), 10.2(1), 10.2(2), 10.3(1), 10.2(4)<br>9.3(4), 9.3(5), 9.3(6), 9.3(7), 9.3(7a), 9.3(8), 9.3(9)<br>7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9), 7.0(3)I7(10)   |
| Cisco Nexus 7000 Series | 8.2(8), 8.4(4), 8.2(6), 8.2(5), 8.4(1), 8.2(4), 8.4(3), 8.4(2), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(1)<br>7.3(7)D1(1), 7.3(6)D1(1), 7.3(5)D1(1), 7.3(4)D1(1), 7.3(3)D1(1), 7.3(2)D1(3), 7.3(2)D1(2), 7.3(2)D1(1), 7.3(1)D1(1), 7.3(0)D1(1), 7.2(2)D1(4), 7.2(2)D1(2), 7.2(2)D1(1), 7.2(1)D1(1), 7.2(0)D1(2), 7.2(0)D1(1)<br>6.2(24), 6.2(22), 6.2(24a), 6.2(20), 6.2(18), 6.2(16), 6.2(14), 6.2(10), 6.2(8), 6.2(6a), 6.2(6), 6.2(2a), 6.2(2)                        |
| Cisco Nexus 7700 Series | 8.2(8), 8.4(4), 8.2(6), 8.4(3), 8.4(2), 8.2(5), 8.4(1), 8.2(4), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(1)<br>7.3(7)D1(1), 7.3(6)D1(1), 7.3(5)D1(1), 7.3(4)D1(1), 7.3(3) D1(1), 7.3(2)D1(3), 7.3(2)D1(2), 7.3(2)D1(1), 7.3(1)D1(1), 7.3(0)DX(1), 7.3(0)D1(1), 7.2(2)D1(4), 7.2(2)D1(2), 7.2(2)D1(1), 7.2(1)D1(1), 7.2(0)D1(2), 7.2(0)D1(1)<br>6.2(24a), 6.2(24), 6.2(22), 6.2(24a), 6.2(20), 6.2(18), 6.2(16), 6.2(14), 6.2(10), 6.2(8), 6.2(6a), 6.2(6), 6.2(2a), 6.2.2 |

| Switches                                    | Supported Switch Releases   |
|---|---|
| Cisco Nexus 6000/5600 Series                | 7.3(11)N1(1), 7.3(10)N1(1), 7.3(9)N1(1), 7.3(8)N1(1), 7.3(7)N1(1b), 7.3(7)N1(1a), 7.3(7)N1(1), 7.3(6)N1(1), 7.3(5)N1(1), 7.1(5)N1(1b), 7.3(4)N1(1), 7.3(3)N1(1), 7.3(2)N1(1e), 7.3(2)N1(1), 7.3(1)N1(1), 7.3(0)N1(1), 7.2(1)N1(1), 7.1(5)N1(1), 7.2(0)N1(1), 7.1(5)N1(1), 7.1(4)N1(1), 7.1(3)N1(2), 7.1(3)N1(1), 7.1(2)N1(1), 7.1(1)N1(1), 7.1(0)N1(1), 7.0(8)N1(1), 7.0(7)N1(1), 7.0(6)N1(1), 7.0(5)N1(1), 7.0(4)N1(1), 7.0(3)N1(1), 7.0(2)N1(1), 7.0(1)N1(1)<br><br>6.0(2)N2(7), 6.0(2)N2(2), 6.0(2)N2(1), 6.0(2)N1(2)  |
| Cisco Nexus 5000 Series                     | 7.3(11)N1(1), 7.3(10)N1(1), 7.3(9)N1(1), 7.3(8)N1(1), 7.3(7)N1(1b), 7.3(7)N1(1a), 7.3(7)N1(1), 7.3(6)N1(1), 7.3(5)N1(1), 7.1(5)N1(1b), 7.3(4)N1(1), 7.3(3)N1(1), 7.3(2)N1(1e), 7.3(2)N1(1), 7.3(1)N1(1), 7.3(0)N1(1), 7.2(1)N1(1), 7.2(0)N1(1), 7.1(5)N1(1), 7.1(4)N1(1), 7.1(3)N1(2), 7.1(3)N1(1), 7.1(2)N1(1), 7.1(1)N1(1), 7.1(0)N1(1), 7.0(8)N1(1), 7.0(7)N1(1), 7.0(6)N1(1), 7.0(5)N1(1), 7.0(4)N1(1), 7.0(3)N1(1), 7.0(2)N1(1), 7.0(1)N1(1)<br><br>6.0(2)N2(7), 6.0(2)<br><br>5.2(1)N1(9a), 5.2(1)N1(9), 5.2(1), 5.1(3), 5.0(3), 5.0(2)<br><br>4.2(1), 4.1(3) |
| UCS Infrastructure and UCS Manager Software | 4.0.4g, 4.1.1a, 3.2.3n, 4.0.4, 4.0.1, 3.2(3k), 2.2.5a   |

\* 9.2(1a) is supported only with the DCNM 11.5(4) Smart License patch. For more information, contact Cisco TAC.



**Note** The Cisco NX-OS version of the Cisco Nexus 2000 Series Fabric Extenders will be same as the NX-OS version of the supported Nexus switch (that is, Cisco Nexus 5000, Cisco Nexus 7000 or Cisco Nexus 9000).

### Compatibility Matrix for Cisco DCNM and Applications

| Applications                        | Supported Versions   |
|-------------------------------------|--|
| Day2 Applications                   | Refer to <a href="#">Cisco Data Center Networking Applications Compatibility Matrix</a> .  |
| Cisco Multi-Site Orchestrator (MSO) | <a href="#">Release Notes</a>  |
| ServiceNow Integration              | <ul style="list-style-type: none"> <li>• 1.0</li> <li>• 1.1</li> </ul> <p>Refer to the deployment-specific Cisco DCNM Configuration guide.</p> |

## Compatibility Matrix for Supported Non-Nexus Devices and Versions



**Note** The following table is applicable to External Fabrics in Cisco DCNM LAN Fabric Deployment.

| <b>Non-Nexus Devices</b> | <b>Supported Versions</b> |
|--------------------------|---------------------------|
| Cisco ASR 1001-X         | IOS XE 17.3.4a            |
| Cisco ASR 1002-HX        | IOS XE 17.3.4a            |
| Cisco ASR-9006           | IOS XR 6.7(1)             |
| Cisco Catalyst 9300-24T  | IOS XE 17.01.01           |
| Cisco CSR 1000v          | IOS XE 17.3.4a            |
| Cisco NCS 5500           | IOS XR 6.5(3)             |
| Arista DCS-7280SR2A      | EOS 4.27.1.1F             |
| Arista DCS-7504N         | EOS 4.27.1.1F             |

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