



Cisco DCNM Compatibility Matrix, Release 11.5(1)

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Cisco DCNM Compatibility Matrix

Compatibility Matrix for Cisco DCNM, Release 11.5(1)



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

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

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- [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 6](#)

Compatibility Matrix for Each Installation Type

Installation Type	Fabric Type	Supported Releases	Recommended Releases
LAN Fabric	Newly provisioned VXLAN fabrics N9000, N9000v	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7) 7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9)	9.3(6) 7.0(3)I7(9)
	Newly provisioned VXLAN fabrics N3600	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7)	9.3(6)
	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(6)
	Brownfield deployment for N9000	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7) 7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9)	7.0(3)I7(9)
	Brownfield deployment for N3600	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7)	9.3(6)
	External/LAN Classic Fabric N3000/3100/3500	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7) 7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9)	9.3(6)
	External/LAN Classic Fabric N3600	10.1(1) 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7)	9.3(6)
	External/LAN Classic Fabric N5000/5600/6000	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)	7.3(8)N1(1)
	External/LAN Classic Fabric N7000/7700	8.4(4), 8.4(3), 8.4(2), 8.4(1), 8.3(2), 8.2(6), 8.2(5), 8.2(4) 7.3(7)D1(1), 7.3(6)D1(1), 7.3(5)D1(1)	7.3(5)D1(1), 8.2(5)
	External/LAN Classic Fabric N9000, N9000v	10.1(1) 9.2(4), 9.2(3), 9.3(1), 9.3(2), 9.3(3), 9.3(4), 9.3(5), 9.3(6), 9.3(7) 7.0(3)I7(6), 7.0(3)I7(7), 7.0(3)I7(8), 7.0(3)I7(9)	7.0(3)I7(9), 9.3(6)

Installation Type	Fabric Type	Supported Releases	Recommended Releases
	External Fabric for Non-Nexus Devices	Compatibility Matrix for Supported Non-Nexus Devices and Versions, on page 6	
IP for Media (IPFM)	—	10.1(1), 10.1(2), 10.2(1)F 9.3(5), 9.3(6), 9.3(7), 9.3(8)	
SAN	—	Compatibility Matrix for Cisco DCNM SAN Deployment, on page 4	

Compatibility Matrix for Cisco DCNM SAN Deployment

Switches	Supported Switch Releases
Cisco MDS 9100	8.4(2c), 8.5(1), 8.4(2b), 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(1b), 8.1(1a) 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1) 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) 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) 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) 5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)
Cisco MDS 9250i	8.4(2c), 8.5(1), 8.4(2b), 8.4(2a), 8.4(2), 8.1(1b), 8.4.(1a), 8.4(1), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a) 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1) 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)
Cisco MDS 9220i	8.5(1)
Cisco MDS 9300	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), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1) 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)

Switches	Supported Switch Releases
Cisco MDS 9500	<p>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)</p> <p>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)</p> <p>5.2(8h), 5.2(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)</p>
Cisco MDS 9700	<p>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)</p> <p>7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1)</p> <p>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)</p>
Cisco Nexus 9000 Series	<p>10.1(1)</p> <p>9.3(7), 9.3(6), 9.3(5), 9.3(4), 9.3(3), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 9.2(2), 9.2(1)</p> <p>7.0(3)I7(9), 7.0(3)I7(8), 7.0(3)I7(7), 7.0(3)I4(9), 7.0(3)I7(6), 7.0(3)I7(5), 7.0(3)I7(4), 7.0(3)I7(3), 7.0(3)I7(2), 7.0(3)I7(1), 7.0(3)I4(8), 7.0(3)I4(7), 7.0(3)I4(6), 7.0(3)I4(5), 7.0(3)I4(4), 7.0(3)I4(3), 7.0(3)I4(2), 7.0(3)I4(1), 7.0(3)F3(2), 7.0(3)F3(1), 7.0(3)F1(2), 7.0(3)I6(2), 7.0(3)I6(1), 7.0(3)F2(1), 7.0(3)F1(1), 7.0(3)I2(4), 7.0(3)I2(5), 7.0(3)I5(2), 7.0(3)I5(1), 7.0(3)I3(2), 7.0(3)I3(1), 7.0(3)I2.3, 7.0.3.I2.2c, 7.0(3)I2.2a, 7.0(3)I2.1, 7.0(3)I1.3, 7.0(3)I1.2</p> <p>6.2(9), 6.1(2)I3.4, 6.1(2)I3.2, 6.1(2)I3(1), 6.1(2)I2(1), 6.1(2)I1(2), 6.1(2)I1(1)</p>
Cisco Nexus 7000 Series	<p>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)</p> <p>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)</p> <p>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)</p>
Cisco Nexus 7700 Series	<p>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)</p> <p>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)</p> <p>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</p>

Switches	Supported Switch Releases
Cisco Nexus 6000/5600 Series	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) 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(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) 6.0(2)N2(7), 6.0(2) 5.2(1)N1(9a), 5.2(1)N1(9), 5.2(1), 5.1(3), 5.0(3), 5.0(2) 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



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 Cisco Data Center Networking Applications Compatibility Matrix .
Cisco Multi-Site Orchestrator (MSO)	Release Notes
ServiceNow Integration	<ul style="list-style-type: none"> • 1.0 • 1.1 <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.

Non-Nexus Devices	Supported Versions
Cisco ASR 1001-X	IOS XE 16.06.04
Cisco ASR 1002-HX	IOS XE 16.06.04
Cisco ASR-9006	IOS XR 6.2(1)
Cisco Catalyst 9300-24T	IOS XE 17.01.01
Cisco Catalyst 9300-48U	IOS XE 17.01.01
Cisco CSR 1000v	IOS XE 16.12.4a
Cisco NCS 5500	IOS XR 6.5(3)
Arista DCS-7280SR2A	EOS 4.24.2F
Arista DCS-7504N	EOS 4.24.2F

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