



Supported Cisco Platforms and Software Versions

- [Compatibility Matrix for Cisco DCNM, Release 11.3\(1\), on page 1](#)

Compatibility Matrix for Cisco DCNM, Release 11.3(1)

The below table shows the Cisco DCNM Compatibility Matrix for Release 11.3(1).



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

Table 1: Compatibility Matrix for Cisco DCNM, Release 11.3(1)

Cisco MDS 9100	8.4.(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 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(8c), 5.2(8d), 5.2(8e), 5.2(8f), 5.2(8g)
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(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 9300	8.4(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 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), 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 9700	8.4(1a), 6.2(29), 8.4(1), 6.2(27), 8.3(2), 8.3(1), 8.2(2), 8.2(1), 8.1(1a), 8.1(1), 7.3(1)DY(1), 7.3(1)D1(1), 7.3(0)DY(1), 7.3(0)D1(1), 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 9000v	9.3(2), 9.2(4), 9.3(1), 9.2(3), 9.2(1), 7.0(3)I7(3), 7.0(3)I7(2), 7.0(3)I7(1), 7.0(3)I6(2)
Cisco Nexus 9000 Series	7.0(3)I7(8), 9.3(3), 7.0(3)I7(7), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 7.0(3)I4(9), 7.0(3)I7(6), 9.2(2), 9.2(1), 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, 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)
Cisco Nexus 7000 Series	8.2(5), 7.3(5)D1(1), 8.4(1), 8.2(4), 7.3(4)D1(1), 6.2(22), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(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), 6.2(20), 6.2(18), 6.2(16), 6.2(14), 6.2(12), 6.2(10), 6.2(8), 6.2(6a), 6.2(6), 6.2(2a), 6.2(2), 6.1, 6.0, 5.2, 5.1, 5.0, 4.2, 4.1, 4.0
Cisco Nexus 7700 Series	8.2(5), 7.3(5)D1(1), 8.4(1), 8.2(4), 7.3(4)D1(1), 6.2(22), 8.3(2), 8.3(1), 8.2(3), 8.2(2), 8.2(1), 8.1(2), 8.1(1), 8.0(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), 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 6000/5600 Series	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(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)
Cisco Nexus 4000 Series	4.1(2)
Cisco Nexus 3600 Series	9.3(3), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 9.2(2)

Cisco Nexus 3500 Series	7.0(3)I7(8), 9.3(3), 7.0(3)I7(7), 7.0(3)I7(6), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 9.2(2), 9.2(1), 7.0(3)I7(5), 7.0(3)I7(1), 7.0(3)I2(4), 7.0(3)I2(5), 7.0(3)I4(5), 7.0(3)I4(6), 7.0(3)I4(7), 7.0(3)I4(8), 7.0(3)I5(2), 7.0(3)I5(1), 7.0(3)I4(4), 7.0(3)I4(3), 7.0(3)I4(2), 7.0(3)I4(1), 7.0(3)I3(2), 7.0(3)I3(1), 7.0(3)I2.3, 7.0(3)I2.2a, 7.0(3)I2.1, 6.0(2)U3(2), 6.0(2)A8(9), 6.0(2)A3(1), 6.0(2)A1(1d), 5.0(3)A1(2a)
Cisco Nexus 3400 Series	9.2(2v), 9.2(2t)
Cisco Nexus 3100 Series	7.0(3)I7(8), 9.3(3), 7.0(3)I7(7), 9.2(4), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 7.0(3)I4(9), 7.0(3)I7(6), 9.2(2), 9.2(1), 7.0(3)I7(5), 7.0(3)I7(4), 7.0(3)I4(8), 7.0(3)I4(7), 7.0(3)I7(3), 7.0(3)I7(2), 7.0(3)I7(1), 7.0(3)I6(2), 7.0(3)I6(1), 7.0(3)I2(4), 7.0(3)I2(5), 7.0(3)I4(5), 7.0(3)I4(6), 7.0(3)I4(7), 7.0(3)I4(8), 7.0(3)I5(2), 7.0(3)I5(1), 7.0(3)I4(4), 7.0(3)I4(3), 7.0(3)I4(2), 7.0(3)I4(1), 7.0(3)I3(1), 7.0(3)I2.3, 7.0(3)I2.2a, 7.0(3)I2.1, 6.0(2)U3(2), 6.0(2)U3(1), 6.0(2)U2(1), 6.0(2)U2(1)
Cisco Nexus 3000 Series	7.0(3)I7(8), 9.3(3), 7.0(3)I7(7), 9.3(2), 9.2(4), 9.3(1), 9.2(3), 7.0(3)I4(9), 7.0(3)I7(6), 9.2(2), 9.2(1), 7.0(3)I7(5), 7.0(3)I7(4), 7.0(3)I4(8), 7.0(3)I4(7), 7.0(3)I7(3), 7.0(3)I7(2), 7.0(3)I7(1), 7.0(3)I6(2), 7.0(3)I6(1), 7.0(3)I2(4), 7.0(3)I2(5), 7.0(3)I4(5), 7.0(3)I4(6), 7.0(3)I4(7), 7.0(3)I4(8), 7.0(3)I5(2), 7.0(3)I5(1), 7.0(3)I4(4), 7.0(3)I4(3), 7.0(3)I4(2), 7.0(3)I3(2), 7.0(3)I3(1), 7.0(3)I2.3, 7.0(3)I2.2a, 7.0(3)I2.1, 6.0(2)U3(2), 6.0(2)U3(1), 6.0(2)U2(3), 6.0(2)U2(1), 6.0(2)U1(3), 6.0(2)A1(1b), 6.0(2)A1(1a), 6.0(2)A1(1), 6.0(2)U1(2), 6.0(2)U1(1), 5.0(3)U5(1i), 5.0(3)U4(1), 5.0(3)A1(2a), 5.0(3)U5(1e), 5.0(3)U4, 5.0(3)U3, 5.0(3)U2, 5.0(3)U1
Cisco Nexus 1010 Series	4.2(1)SP1(6.1), 4.2(1)SP1(5.1a), 4.2(1)SP1(4a)
Cisco Nexus 1000v Series	5.2(1)SV3(1.4), 4.2(1)SV2(2.3), 4.2(1)SV2(2.2), 4.2(1)SV2(2.1), 4.2(1)SV2(1.1), 4.2(1)SV1(4), 5.2(1)SM1(5.1)
UCS Infrastructure and UCS Manager Software	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 Each Installation Type

Table 2: Supported Switch Versions for Cisco DCNM 11.3(1)

Installation Type	Switch Versions
Classic LAN	See Table 1: Compatibility Matrix for Cisco DCNM, Release 11.3(1) .

Installation Type	Switch Versions
LAN Fabric	<ul style="list-style-type: none"> Newly provisioned VXLAN fabrics using DCNM (Easy_Fabric_11_1, Easy_Fabric_eBGP and MSD_Fabric_11_1): 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 7.0(3)I7(7)*, 7.0(3)I7(6), 7.0(3)I7(8) External Fabric N3000/3100/3500 (External_Fabric_11_1): 7.0(3)I7(8), 7.0(3)I7(7)* External Fabric N3600 (External_Fabric_11_1): 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3) External Fabric N5000/5600/6000 (External_Fabric_11_1): 7.3(6)N1(1), 7.3(5)N1(1)* External Fabric N7000/7700 (External_Fabric_11_1): 8.2(5), 7.3(5)D1(1), 7.3(3)D1(1)*, 8.2(3)* External Fabric N9000 (External_Fabric_11_1): 9.2(3), 9.2(4), 9.3(1), 9.3(2), 9.3(3), 7.0(3)I7(8), 7.0(3)I7(7)*, 7.0(3)I7(6) Migrating NFM-managed VXLAN fabric to DCNM (Easy_Fabric_11_1): 7.0(3)I7(8), 7.0(3)I7(7)*, 7.0(3)I7(6) Migrating Switch CLI configured VXLAN fabrics to DCNM (Easy_Fabric_11_1): 9.3(3), 9.3(2), 9.2(4), 7.0(3)I7(8), 7.0(3)I7(7)*, 7.0(3)I7(6), 7.0(3)I4(9)
IP Fabric for Media (IPFM)	9.3(3), 9.3(2), and 9.3(1)
SAN	See the SAN supported switches in Table 1: Compatibility Matrix for Cisco DCNM, Release 11.3(1), on page 1.

*Indicates the recommended NX-OS version

Compatibility Matrix for Cisco DCNM and Applications

Table 3: Supported Application Versions for Cisco DCNM 11.3(1)

Application	Versions
Day2 Applications	Refer to Cisco Data Center Networking Applications Compatibility Matrix.

Compatibility Matrix for Cisco Non-Nexus Switches and Third Party Switches

Table 4: Supported Cisco Non-Nexus Switches and Third Party Switches supported with Cisco DCNM 11.3(1)

Cisco Non-Nexus Switches/Third Party Switches	Versions
Cisco CSR1000v	IOS XE Gibraltar 16.10.x

Cisco Non-Nexus Switches/Third Party Switches	Versions
Cisco NCS 5500	IOS XR 6.5(3)
Cisco ASR-9904	IOS XR 6.3.1
Cisco ASR-9006	IOS XR 5.3.0
Arista DCX-7050SX-72Q	EOS 4.21.4f
Arista DCS-7504N	EOS 4.21.4f

Table 5: Supported ServiceNow versions with Cisco DCNM

Cisco DCNM Release Version	Supported ServiceNow Version
Release 11.3(1)	1.0

