Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.15.x

Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Routing Platforms

Table 1: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco ISR4000 Platforms

Control Components	Cisco ISR 4461	All Other Cisco ISR 4000 Series
20.15.1	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a	17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a

Table 2: Cisco Catalyst SD-WAN Compatibility Matrix for ASR1000 Platforms

Control Components	ASR1001-X	ASR1002-X	ASR1001-HX	ASR1002-HX
20.15.1	17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a	17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, and 17.12.1a.	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a

Table 3: Cisco Catalyst SD-WAN Compatibility Matrix for Catalyst 8000 Series Platforms

Control Components	Catalyst 8200	Catalyst 8200L	Catalyst 8300/Catalyst 8500	Catalyst 8500L	Catalyst C8500-20X6C
20.15.1	17.15.1a, 17.14.1a*, 17.13.1.a, 17.12.3a, 17.12.4, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a	17.15.1a, 17.14.1a*,17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4,17.9.3a, 17.9.2a, and 17.9.1a,	17.15.1a, 17.14.1a, 17.13.1.a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a	17.15.1a, 17.14.1a, 17.13.1.a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, and 17.9.1a	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, and 17.12.1a

Note   * for Cisco Catalyst 8200 and Cisco Catalyst 8200 devices: upgrade to Cisco IOS XE Catalyst SD-WAN Release 17.14.1a and Cisco IOS XE Catalyst SD-WAN Release 17.13.1a is only supported if you perform a manual upgrade of ROMMON to 17.6(8.1r). Auto ROMMON upgrade is not supported for these releases.

Table 4: Cisco Catalyst SD-WAN Compatibility Matrix for Virtual Platforms

Control Components	C8000V
20.15.1	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a

Table 5: Cisco Catalyst SD-WAN Compatibility Matrix for IOT IR Platforms

Control Components	IR-1101-K9 and IR-1101-A-K9	ESR-6300-CON-K9	ESR-6300-NCP-K9 and ESR-6300-LIC-K9	IR1821-K9, IR1831-K9, IR1833-K9, IR1835-K9	IR8140H and IR8140H-P	IR8340-K9
20.15.1	17.9.1a and later	17.9.1a and later	17.12.1a and later	17.9.1a and later	17.9.1a and later	17.9.1a and later

Table 6: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco vEdge 5000 and Cisco vEdge Cloud

Control Components	Cisco vEdge 5000	Cisco vEdge Cloud
20.15.1	20.9.5, 20.9.4, 20.9.3, 20.9.2, and 20.9.1	20.9.5, 20.9.4, 20.9.3, 20.9.2, and 20.9.1

Table 7: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco vEdge 2000

Control Components	Cisco vEdge 2000
20.15.1	20.9.5, 20.9.4, 20.9.3.1, 20.9.3, 20.9.2, and 20.9.1

Table 8: Cisco Catalyst SD-WAN Compatibility Matrix for ISR1100 Platforms

Control Components	ISR 1100-4G, ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB , ISR1100-6G	ISR1100X-4G ISR1100X-6G	Cisco 110x ISR, 111x ISR, 112x ISR, & 116x ISR	Cisco 113x ISR
20.15.1	Cisco IOS XE Catalyst SD-WAN Releases 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a Cisco SD-WAN Releases (Viptela OS) From 20.3 to 20.9.6	Cisco IOS XE Catalyst SD-WAN Releases 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a,17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a 17.8.1a, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a Cisco SD-WAN Releases (Viptela OS) From 20.4 to 20.9.6	Cisco IOS XE Catalyst SD-WAN Releases 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a,17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	Cisco IOS XE Catalyst SD-WAN Releases 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a,17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, and 17.7.1a

Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components and Cisco NFVIS Platforms

Table 9: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components and Cisco NFVIS Platforms

Control Components	Cisco Catalyst 8300 Series Edge uCPE	Cisco Catalyst 8200 Series Edge uCPE	ENCS 5400
20.15.1	Cisco NFVIS Release 4.15.1, 4.14.1, 4.13.1, 4.12.3 and 4.12.2	Cisco NFVIS Release 4.15.1, 4.14.1, 4.13.1, 4.12.3, 4.12.2, 4.12.1, 4.9.1, 4.9.2, 4.9.3, 4.9.4, and 4.9.5	Cisco NFVIS Release 4.15.1, 4.14.1, 4.13.1, 4.12.3, 4.12.2, 4.12.1, 4.9.1, 4.9.2, 4.9.3, 4.9.4, and 4.9.5

Note The following table shows the compatibility between Cisco NFVIS platforms releases and the supported Cisco SD-WAN Control Components releases for these platform releases. For example, if your Cisco Catalyst Series Edge uCPE is running Cisco NFVIS Release 4.14.1, your Cisco SD-WAN Manager must run Cisco SD-WAN Control Components Release 20.14.1.

Table 10: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco NFVIS Platforms and Cisco Catalyst SD-WAN Control Components

Cisco ENCS 5400, Cisco Catalyst 8200 Series Edge uCPE and Cisco Catalyst 8300 Series Edge uCPE	Control Components
Cisco NFVIS Release 4.15.1	20.15.1

Note See the following table for understanding the compatibility between Cisco NFVIS platforms releases and Cisco Catalyst 8000V releases for these platform releases in the same Cisco Catalyst SD-WAN network. For example, if your Cisco Catalyst 8300 Series Edge uCPE is running Cisco NFVIS Release 4.14.1, the Cisco Catalyst 8000V must be running Cisco IOS XE Catalyst SD-WAN Release 17.14.1a or earlier releases.

Table 11: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco NFVIS Platforms and Cisco Catalyst 8000V

Cisco ENCS 5400, Cisco Catalyst 8200 Series Edge uCPE, Cisco Catalyst 8300 Series Edge uCPE, and Cisco UCS C-Series M6 Rack Servers	Cisco Catalyst 8000V
Cisco NFVIS Release 4.15.1	17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.3a, 17.9.2a, and 17.9.1a

Table 12: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst 8000V and Cisco NFVIS Platforms

Cisco Catalyst 8000V	Catalyst 8200 Series Edge uCPE, Cisco ENCS 5400, Cisco Catalyst 8300 Series Edge uCPE, and Cisco UCS C-Series M6 Rack Servers
17.15.1a	Cisco NFVIS Release 4.15.1

Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components and Cisco Cellular Gateways

Table 13: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Cellular Gateways

Control Components	CG418-E	CG522-E
20.15.1	Cisco IOS CG Release 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1	Cisco IOS CG Release 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1

Table 14: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Catalyst Wireless Gateways

Control Components	CG113
20.15.1	Cisco IOS CG Release 17.15.1a, 17.14.1a, 17.13.1a, 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, and 17.9.1a

Note

- Starting from Cisco vManage Release 20.9.1, the Control componets software version must be the same or be higher that the WAN edge device software version. If the WAN edge device software version is higher than the Controller software version, policy download to the device fails.

- All device and control components combinations listed in this table have been validated. However, there are no software changes in this control components software release, which impact the device-to-control components backwards compatibility for previous releases that are not listed in the table.

- UCS-E Series using External Interfaces are supported from Cisco SD-WAN Release 19.2.1 and later releases.

- UCS-E Series using Internal Backplane Interfaces such as ucse x/y/0 and ucse x/y/1 have a limited feature support configurable using only Cisco Catalyst SD-WAN Manager CLI templates, starting from Cisco SD-WAN Release 20.1.1 and later releases.

- If your Cisco IOS XE Catalyst SD-WAN devices are running Cisco IOS XE Catalyst SD-WAN Release 16.12.x and 17.2.x and if you are looking to upgrade your Cisco Catalyst SD-WAN Manager to Cisco Catalyst SD-WAN Control Components Release 20.12.1, you need to upgrade your Cisco IOS XE Catalyst SD-WAN devices to Cisco IOS XE Catalyst SD-WAN Release 17.3.x.

- If your Cisco vEdge devices are running Cisco SD-WAN Release 20.1.x and if you are looking to upgrade your Cisco Catalyst SD-WAN Manager to Cisco Catalyst SD-WAN Control Components Release 20.12.1, you need to upgrade your Cisco vEdge devices to Cisco Catalyst SD-WAN Control Components Release 20.3.x.