Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.4.x

Table 1: Compatibility Matrix for ISR1000, ISR4000 and ASR 1000 platforms

Control Components	ISR1000/ISR4000/ASR1000
20.4.1 and 20.4.1.2	17.4.1a, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x
20.4.2 and 20.4.2.3	17.4.2, 17.4.1b, 17.4.1a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x

Table 2: Compatibility Matrix for Catalyst 8000 Series Platforms

Control Components	Catalyst 8300/Catalyst 8500	Catalyst 8200	Catalyst 8500L
20.4.1 and 20.4.1.2	17.4.1a and 17.3.2	17.4.1a	17.4.1a
20.4.2 and 20.4.2.3	17.4.2, 17.4.1b, 17.4.1a, 17.3.3, and 17.3.2	17.4.2, 17.4.1b, 17.4.1a, 17.3.3, and 17.3.2	17.4.2, 17.4.1b, and 17.4.1a

Table 3: Compatibility Matrix for Virtual Platforms

Control Components	CSR1000v	C8000v	ISRv (ENCS/CSP)
20.4.1 and 20.4.1.2	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.4.1a	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.4.1 FC2
20.4.2 and 20.4.2.3	17.3.3, 17.2.1v, and 16.12.5	17.4.2, 17.4.1b, and 17.4.1a	17.3.3, 17.3.4, 17.2.1r with NFVIS 4.4.2-FC2

Compatibility Matrix for Cisco Catalyst SD-WAN vEdge Platforms

Compatibility Matrix for Cisco vEdge 5000 and vEdge Cloud

Table 4: Compatibility Matrix for Cisco vEdge 5000 and vEdge Cloud

Control Components	Cisco vEdge 5000, Cisco vEdge Cloud
20.4.1 and 20.4.1.2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, and 20.4.1
20.4.2 and 20.4.2.3	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.4.1, 20.4.1.1, 20.4.1.2, and 20.4.2

Compatibility Matrix for Cisco vEdge 100M, Cisco vEdge 100B, Cisco vEdge 1000, Cisco vEdge 100wm and Cisco vEdge 2000

Table 5: Compatibility Matrix for Cisco vEdge 100M, Cisco vEdge 100B, Cisco vEdge 1000, Cisco vEdge 100wm and Cisco vEdge 2000

Control Components	vEdge 100M, vEdge 100B, vEdge 100wm and vEdge 1000	Cisco vEdge 2000
20.4.2.3	20.3.7.1, and 20.4.2.3	20.3.7.1, and 20.4.2.3

Table 6: Compatibility Matrix for ISR1100 Platforms

Control Components	ISR 1100-4G and ISR 1100-6G	ISR 1100X-4G and ISR 1100X-6G	ISR1100-4GLTENA, ISR1100-4GLTEGB
20.4.1 and 20.4.1.2	Cisco IOS XE Catalyst SD-WAN Release 17.4.1b and 17.4.1a Cisco SD-WAN Release (Viptela OS) 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.1b and 17.4.1a Cisco SD-WAN Release (Viptela OS) 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.1b and 17.4.1a Cisco SD-WAN Release (Viptela OS) 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3

Control Components	ISR 1100-4G and ISR 1100-6G	ISR 1100X-4G and ISR 1100X-6G	ISR1100-4GLTENA, ISR1100-4GLTEGB
20.4.2 and 20.4.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3 Cisco SD-WAN Release (Viptela OS) 20.4.2, 20.4.1.2, 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3 Cisco SD-WAN Release (Viptela OS) 20.4.2, 20.4.1.2, 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3 Cisco SD-WAN Release (Viptela OS) 20.4.2, 20.4.1.2, 20.3.7.1, 20.3.7, 20.3.6, 20.3.5, 20.3.4.2, 20.3.4, 20.3.3.1, 20.3.3, 20.3.2.1, 20.3.2, 20.3.1, 20.1.12, 20.1.3.1, 20.1.3, 20.1.2, 19.2.31, 19.2.4, and 19.2.3

Table 7: Compatibility Matrix for IOT IR Platforms

Control Components	IR-1101-K9 and IR-1101-A-K9	ESR-6300-NCP-K9	IR1821-K9, IR1831-K9, IR1833-K9, IR1835-K9	IR8140H and IR8140H-P	IR8340-K9
20.4.1 and 20.4.1.2	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.4.2 and 20.4.2.3	17.3.1a and later	Not supported	Not supported	Not supported	Not supported

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

Table 8: Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Cellular Gateways

Control Components	CG418-E	CG522-E
20.4.1 and 20.4.1.2	Cisco IOS XE Catalyst SD-WAN Release 17.4.1a	Cisco IOS XE Catalyst SD-WAN Release 17.4.1a
20.4.2 and 20.4.2.3	Cisco IOS XE Catalyst SD-WAN Release 17.4.1a	Cisco IOS XE Catalyst SD-WAN Release 17.4.1a

Note

- We recommend that the Controller software version matches or be higher than the WAN edge device software version.

- All device and controller combinations listed in this table have been validated. However, there are no software changes in this controller software release, which impact the device-to-controller 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 SD-WAN Manager CLI templates, starting from Cisco SD-WAN Release 20.1.1 and later releases.

- The Cisco vEdge 100M, Cisco vEdge 100B, Cisco vEdge 100wm and Cisco vEdge 1000 devices are impacted by a certificate expiry incident. For more information see, Troubleshooting certificate expiry incident.