Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.3.x

Table 1: Cisco Catalyst SD-WAN Compatibility Matrix for ISR1000, ISR4000 and ASR 1000 platforms

Control Components	ISR1000/ISR4000/ASR1000
20.3.1	17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x
20.3.2 and 20.3.2.1	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x
20.3.3 and 20.3.3.1	17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x
20.3.4 and 20.3.4.2	17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x
20.3.5	17.3.5, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1r, 16.12.x, and 16.10.x
20.3.6	17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1r, 16.12.x, and 16.10.x
20.3.7, 20.3.7.1, and 20.3.7.2	17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1r, 16.12.x, and 16.10.x
20.3.8	17.3.8, 17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1r, 16.12.x, and 16.10.x

Table 2: Cisco Catalyst SD-WAN Compatibility Matrix for Catalyst 8000 Series Platforms

Control Components	Catalyst 8300/Catalyst 8500
20.3.1	Not Supported
20.3.2 and 20.3.2.1	17.3.2
20.3.3 and 20.3.3.1	17.3.3 and 17.3.2
20.3.4 and 20.3.4.2	17.3.4a, 17.3.3 and 17.3.2

Control Components	Catalyst 8300/Catalyst 8500
20.3.5	17.3.5, 17.3.4a, 17.3.3 and 17.3.2
20.3.6	17.3.6, 17.3.5, 17.3.4a, 17.3.3 and 17.3.2
20.3.7, 20.3.7.1, and 20.3.7.2	17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3 and 17.3.2
20.3.8	17.3.8, 17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3 and 17.3.2

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

Control Components	CSR1000v	ISRv (ENCS/CSP)
20.3.1	17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3
20.3.2 and 20.3.2.1	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3
20.3.3 and 20.3.3.1	17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.3.3, 17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3
20.3.4 and 20.3.4.2	17.3.4a, 17.3.3, 17.2.1v, and 16.12.5	17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3
20.3.5	17.3.5, 17.3.4a, 17.3.3, and 16.12.5	17.3.5, 17.3.4a, 17.3.3, 17.2.1r with NFVIS 4.2.1 FC3
20.3.6	17.3.6, 17.3.5, 17.3.4a, 17.3.3, and 16.12.5	17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.2.1r with NFVIS 4.2.1 FC3
20.3.7, 20.3.7.1, and 20.3.7.2	17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, and 16.12.5	17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.2.1r with NFVIS 4.2.1 FC3
20.3.8	17.3.8, 17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, and 16.12.5	17.3.8, 17.3.7, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, 17.2.1r with NFVIS 4.2.1 FC3

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

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

Table 4: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco vEdge 5000 and Cisco vEdge Cloud

Control Components	vEdge 5000	Cisco vEdge Cloud
20.3.1	18.3, 18.4, 19.2, 20.1, 20.1.12, and 20.3.1	18.3, 18.4, 19.2, 20.1, 20.1.12, and 20.3.1
20.3.2 and 20.3.2.1	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, and 20.3.2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, and 20.3.2

Control Components	vEdge 5000	Cisco vEdge Cloud
20.3.3 and 20.3.3.1	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, and 20.3.3	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, and 20.3.3
20.3.4 and 20.3.4.2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, and 20.3.4	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, and 20.3.4
20.3.5	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, and 20.3.5	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, and 20.3.5
20.3.6	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, and 20.3.6	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, and 20.3.6
20.3.7, 20.3.7.1, and 20.3.7.2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, 20.3.6, and 20.3.7	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, 20.3.6, and 20.3.7
20.3.8	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, 20.3.6, 20.3.7, and 20.3.8	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.5, 20.3.6, 20.3.7 and 20.3.8

Cisco Catalyst SD-WAN Compatibility Matrix for Cisco vEdge 100M, Cisco vEdge 100B, Cisco vEdge 1000, Cisco vEdge 100wm and Cisco vEdge 2000

Table 5: Cisco Catalyst SD-WAN 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
20.3.7.1	20.3.7.1	20.3.7.1
20.3.7.2	20.3.7.2 and 20.3.7.1	20.3.7.2 and 20.3.7.1

Table 6: Cisco Catalyst SD-WAN Compatibility Matrix for ISR1100 Platforms

Control Components	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.3.1	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.2 and 20.3.2.1	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.3.3 and 20.3.3.1	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.4 and 20.3.4.2	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.5	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.6	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.7, 20.3.7.1, and 20.3.7.2	Cisco SD-WAN Release (Viptela OS) 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 SD-WAN Release (Viptela OS) 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
20.3.8	Cisco SD-WAN Release (Viptela OS) 20.3.8, 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 SD-WAN Release (Viptela OS) 20.3.8, 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: Cisco Catalyst SD-WAN 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
20.3.1	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.2 and 20.3.2.1	17.3.1a and later	Not supported	Not supported	Not supported	Not supported

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
20.3.3 and 20.3.3.1	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.4 and 20.3.4.2	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.5	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.6	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.7, 20.3.7.1, and 20.3.7.2	17.3.1a and later	Not supported	Not supported	Not supported	Not supported
20.3.8	17.3.1a and later	Not supported	Not supported	Not supported	Not supported

Note

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

- All device and control components 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.