Cisco SD-WAN Compatibility Matrix for Cisco SD-WAN Controllers Release 20.9.x

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

Controllers	ISR1000/ISR4000/ASR1000
20.9.1	17.9.1a, 17.8.1a, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.3.5, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, and 17.2.1r
20.9.2	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.3.5, 17.4.1a, 17.3.6, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, and 17.2.1r
20.9.3	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.3.5, 17.4.2, 17.4.1a, 17.3.6, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, and 17.2.1r

Table 2: Compatibility Matrix for Catalyst 8000 Series Platforms

Controllers	Catalyst 8300/Catalyst 8500	Catalyst 8200	Catalyst 8500L	Catalyst 8200L
20.9.1	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.4.1a, 17.3.5, 17.3.4a, 17.3.3, and 17.3.2	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, and 17.5.1a

Controllers	Catalyst 8300/Catalyst 8500	Catalyst 8200	Catalyst 8500L	Catalyst 8200L
20.9.2	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.4.1a, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, and 17.3.2	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, and 17.5.1a
20.9.3	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.2, 17.4.1b, 17.4.1a, 17.3.6, 17.3.5, 17.3.4a, 17.3.3, and 17.3.2	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.4, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, and 17.5.1a

Table 3: Compatibility Matrix for Virtual Platforms

Controllers	CSR1000v	C8000v	ISRv (ENCS/CSP)	vEdge Cloud
20.9.1	17.3.5, 17.3.4a, and 17.3.3	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2	17.3.4a and 17.3.3 with NFVIS 4.9.1 FC3	20.3.3, 20.3.4, 20.3.5, 20.4.2, 20.5.1, 20.6.3, 20.6.2, 20.6.1, 20.7.1, 20.7.2, 20.8.1, and 20.9.1
20.9.2	17.3.6, 17.3.5, 17.3.4a, and 17.3.3	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2.	17.3.4a and 17.3.3 with NFVIS 4.9.2 FC5	20.3.6, 20.3.3, 20.3.4, 20.3.5, 20.4.2, 20.5.1, 20.6.3, 20.6.2, 20.6.1, 20.7.1, 20.7.2, 20.8.1, 20.9.1 and 20.9.2
20.9.3	17.3.6, 17.3.5, 17.3.4a, and 17.3.3	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.4, 17.6.3, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2.	17.3.4a and 17.3.3 with NFVIS 4.9.3 FC1	20.3.6, 20.3.3, 20.3.4, 20.3.5, 20.4.2, 20.5.1, 20.6.3, 20.6.2, 20.6.1, 20.7.1, 20.7.2, 20.8.1, 20.9.1, 20.9.2, and 20.9.3

Compatibility Matrix for Cisco SD-WAN Controllers and Cisco NFVIS

Table 4: Compatibility Matrix for Cisco SD-WAN Controllers, Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE

Controllers	ENCS 5400	Cisco Catalyst 8200 Series Edge uCPE
20.9.1	Cisco NFVIS Release 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3	Cisco NFVIS Release 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3
20.9.2	Cisco NFVIS Release 4.9.2, 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3	Cisco NFVIS Release 4.9.2, 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3
20.9.3	Cisco NFVIS Release 4.9.3, 4.9.2, 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3	Cisco NFVIS Release 4.9.3, 4.9.2, 4.9.1, 4.8.1, 4.7.1, 4.6.1, 4.6.2, and 4.6.3

Table 5: Compatibility Matrix for Cisco NFVIS Platforms and Cisco SD-WAN Controllers

Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE	Controllers
Cisco NFVIS Release 4.9.1	20.9.3, 20.9.2, and 20.9.1
Cisco NFVIS Release 4.9.2	20.9.3 and 20.9.2
Cisco NFVIS Release 4.9.3	20.9.3

Table 6: Compatibility Matrix for Cisco NFVIS Platforms and Cisco Catalyst 8000V

Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE	Cisco Catalyst 8000V
Cisco NFVIS Release 4.9.1	17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2
Cisco NFVIS Release 4.9.2	17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2
Cisco NFVIS Release 4.9.3	17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2

Table 7: Compatibility Matrix for Cisco Catalyst 8000V and Cisco ENCS 5400

Cisco Catalyst 8000V	Cisco ENCS 5400
17.9.1a	Cisco NFVIS Release 4.9.x
17.9.2a	Cisco NFVIS Release 4.9.x
17.9.3a	Cisco NFVIS Release 4.9.x

Table 8: Compatibility Matrix for Cisco SD-WAN vEdge Platforms

Controllers	vEdge
20.9.1	19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.4.1, 20.4.2, 20.5.1, 20.6.4, 20.6.3, 20.6.1, 20.7.1, 20.8.1, and 20.9.1
20.9.2	19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.6, 20.4.1, 20.4.2, 20.5.1, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, and 20.9.2
20.9.3	19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.3.6, 20.4.1, 20.4.2, 20.5.1, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, and 20.9.3

Table 9: Compatibility Matrix for ISR1100 Platforms

Controllers	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.9.1	20.9.1 and lower up to 19.2.099	20.9.1 and lower up to 19.2.1
20.9.2	20.9.2 and lower up to 19.2.099	20.9.2 and lower up to 19.2.1
20.9.3	20.9.3 and lower up to 19.2.099	20.9.3 and lower up to 19.2.1

Table 10: Compatibility Matrix for IOT IR Platforms

Controllers	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
20.9.1	17.3.1a and later	17.6.1a and later	17.6.1a and later	17.7.1a and later	17.7.1a and later
20.9.2	17.3.1a and later	17.6.1a and later	17.6.1a and later	17.7.1a and later	17.7.1a and later
20.9.3	17.3.1a and later	17.6.1a and later	17.6.1a and later	17.7.1a and later	17.7.1a and later

Compatibility Matrix for Cisco SD-WAN Controllers and Cisco Cellular Gateways

Controllers	CG418-E	CG522-E
20.9.1	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.

Controllers	CG418-E	CG522-E
20.9.2	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.
20.9.3	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.	Cisco IOS XE Release 17.5.1a and Cisco IOS XE Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.

Note

- Starting from Cisco vManage Release 20.9.1, the Controller 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 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.