



Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.7.x



Note To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage** to **Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics** to **Cisco Catalyst SD-WAN Analytics**, **Cisco vBond** to **Cisco Catalyst SD-WAN Validator**, **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers** to **Cisco Catalyst SD-WAN Control Components**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

Table 1: Cisco Catalyst SD-WAN Compatibility Matrix for ISR1000 and ISR4000 Platforms

Control Components	ISR1000 and ISR4000
20.7.1	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x
20.7.2	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x

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

Control Components	ASR1001-X	ASR1002-X	ASR1001-HX	ASR1002-HX	ASR1006-X-DNA
20.7.1	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x
20.7.2	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	17.7.2, 17.7.1a, 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, 17.4.1a, 17.3.4a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x

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

Control Components	Catalyst 8300/Catalyst 8500	Catalyst 8200	Catalyst 8500L	Catalyst 8200L
20.7.1	17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.4.1a, 17.3.3, and 17.3.2	17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, and 17.5.1a
20.7.2	17.7.2, 17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, 17.4.1a, 17.3.3, and 17.3.2	17.7.2, 17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.7.2, 17.7.1a, 17.6.2, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, 17.4.1b, and 17.4.1a	17.7.2, 17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, and 17.5.1a

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

Control Components	CSR1000v	C8000v	ISRV (ENCS/CSP)
20.7.1	17.3.4a, and 17.3.3	17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2	17.3.3 and 17.3.4 with NFVIS 4.7.1 FC4
20.7.2	17.3.4a, 17.3.3, and 17.3.5	17.7.2, 17.7.1a, 17.6.6a, 17.6.6, 17.6.5a, 17.6.4, 17.6.3a, 17.6.2, 17.6.1a, 17.5.1a, and 17.4.2	17.3.3 and 17.3.4 with NFVIS 4.7.1 FC4

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

Control Components	vEdge
20.7.1	20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.4.1, 20.4.2, 20.5.1, 20.6.1, and 20.7.1
20.7.2	20.3.1, 20.3.2, 20.3.3, 20.3.4, 20.4.1, 20.4.2, 20.5.1, 20.6.1, 20.7.1, and 20.7.2

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

Control Components	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.7.1	<p>Cisco IOS XE Catalyst SD-WAN Release 17.7.1a, 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, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.7.1, 20.6.5.2, 20.6.5, 20.6.4.1, 20.6.4, 20.6.3.2, 20.6.3.1, 20.6.3, 20.6.2.2, 20.6.2.1, 20.6.2, 20.6.1.2, 20.6.1.1, 20.6.1, 20.5.1.2, 20.5.1.1, 20.5.1, 20.4.2.3, 20.4.2.2, 20.4.2.1, 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, and 20.3.1</p>	<p>Cisco IOS XE Catalyst SD-WAN Release 17.7.1a, 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, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.7.1, 20.6.5.2, 20.6.5, 20.6.4.1, 20.6.4, 20.6.3.2, 20.6.3.1, 20.6.3, 20.6.2.2, 20.6.2.1, 20.6.2, 20.6.1.2, 20.6.1.1, 20.6.1, 20.5.1.2, 20.5.1.1, 20.5.1, 20.4.2.3, 20.4.2.2, 20.4.2.1, 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, and 20.3.1</p>
20.7.2	<p>Cisco IOS XE Catalyst SD-WAN Release 17.7.1a, 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, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.7.2, 20.7.1.1, 20.7.1, 20.6.5.2, 20.6.5, 20.6.4.1, 20.6.4, 20.6.3.2, 20.6.3.1, 20.6.3, 20.6.2.2, 20.6.2.1, 20.6.2, 20.6.1.2, 20.6.1.1, 20.6.1, 20.5.1.2, 20.5.1.1, 20.5.1, 20.4.2.3, 20.4.2.2, 20.4.2.1, 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, and 20.3.1</p>	<p>Cisco IOS XE Catalyst SD-WAN Release 17.7.1a, 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, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.7.2, 20.7.1.1, 20.7.1, 20.6.5.2, 20.6.5, 20.6.4.1, 20.6.4, 20.6.3.2, 20.6.3.1, 20.6.3, 20.6.2.2, 20.6.2.1, 20.6.2, 20.6.1.2, 20.6.1.1, 20.6.1, 20.5.1.2, 20.5.1.1, 20.5.1, 20.4.2.3, 20.4.2.2, 20.4.2.1, 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, and 20.3.1</p>

Table 7: Cisco Catalyst SD-WAN Compatibility Matrix for IOT IR Platforms

Control Components	IR-1101-K9 and IR-1101-A-K9	ESR-6300-CON-K9	IR1821-K9, IR1831-K9, IR1833-K9, IR1835-K9	IR8140H and IR8140H-P	IR8340-K9
20.7.1	17.3.1a and later	17.6.1a and later	17.7.1a and later	17.7.1a and later	17.7.1a and later
20.7.2	17.3.1a and later	17.6.1a and later	17.7.1a and later	17.7.1a and later	17.7.1a and later

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

Table 8: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco SD-WAN Control Components and Cisco NFVIS Platforms

Control Components	ENCS 5400	Cisco Catalyst 8200 Series Edge uCPE
20.7.1	Cisco NFVIS Release 4.7.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1	Cisco NFVIS Release 4.7.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1



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 4.7.1, your Cisco SD-WAN Manager must run Cisco SD-WAN Control Components Release 20.7.1.

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

Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE	Control Components
Cisco NFVIS Release 4.7.1	20.7.1



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 4.7.1, the Cisco Catalyst 8000V must be running Cisco IOS XE Catalyst SD-WAN Release 17.7.1a or earlier releases.

Table 10: Cisco Catalyst SD-WAN 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 4.7.1	17.7.2, 17.7.1a, 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, and 17.4.2



Note See the following table for understanding the compatibility between Cisco Catalyst 8000V releases and Cisco NFVIS platforms releases in the same Cisco Catalyst SD-WAN network. For example, if your Cisco Catalyst 8000V is running Cisco IOS XE Catalyst SD-WAN Release 17.7.1a, your Cisco Catalyst 8200 Series Edge uCPE must be running Cisco NFVIS Release 4.7.1.

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

Cisco Catalyst 8000V	Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE
17.7.1a	Cisco NFVIS Release 4.7.1

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

Table 12: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Cellular Gateways

Control Components	CG418-E	CG522-E
20.7.1	Cisco IOS XE Catalyst SD-WAN Release 17.5.1a and Cisco IOS XE Catalyst SD-WAN Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.	Cisco IOS XE Catalyst SD-WAN Release 17.5.1a and Cisco IOS XE Catalyst SD-WAN Release 17.4.1a. Cisco IOS CG Release 17.6.1 and later.
20.7.2	Cisco IOS XE Catalyst SD-WAN Release 17.5.1a and Cisco IOS XE Catalyst SD-WAN Release 17.4.1a.	Cisco IOS XE Catalyst SD-WAN Release 17.5.1a and 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.