



Compatibility Matrix

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Compatibility Matrix for Cisco SD-WAN Release 20.4.x

Table 1: Compatibility Matrix for Cisco SD-WAN Release 20.4.x

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRv (ENCs/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.4.1	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	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.4.1a	17.4.1a and 17.3.2	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.4.1 FC2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2 and 20.4.1	20.4.1 & lower up to 19.2.099	20.4.1 & lower up to 19.2.1

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRV (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.4.1.1	17.4.1b, 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	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	17.4.1b and 17.4.1a	17.4.1b, 17.4.1a, and 17.3.2	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.4.1 FC2	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.4.1, and 20.4.1.1	20.4.1.1 & lower up to 19.2.099	20.4.1.1 & lower up to 19.2.1

Compatibility Matrix for Cisco SD-WAN Release 20.3.x

Table 2: Compatibility Matrix for Cisco SD-WAN Release 20.3.x

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRV (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
20.3.1	17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x	17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	Not Supported	Not Supported	17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3	18.3, 18.4, 19.2, 20.1, 20.1.12, and 20.3.1	20.3.1 & lower up to 19.2.099	20.3.1 & lower up to 19.2.1
20.3.2	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	Not Supported	17.3.2	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, and 20.3.2	20.3.2 & lower up to 19.2.099	20.3.2 & lower up to 19.2.1
20.3.2.1	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x	17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	Not Supported	17.3.2	17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, and 20.3.2	20.3.2 & lower up to 19.2.099	20.3.2 & lower up to 19.2.1

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRv (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100-4GLTENA, ISR1100-4GLTEGB
20.3.3	17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.x, and 16.10.x	17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, and 16.12.x	Not Supported	17.3.3 and 17.3.2	17.3.3, 17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.2.1 FC3	18.3, 18.4, 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, and 20.3.3	20.3.3 & lower up to 19.2.099	20.3.3 & lower up to 19.2.1

Compatibility Matrix for Cisco SD-WAN Release 20.1.x

Table 3: Compatibility Matrix for Cisco SD-WAN Release 20.1.x

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRv (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100-4GLTENA, ISR1100-4GLTEGB
20.1.1	17.2.1r, 16.12.x, 16.10.x, and 16.9.x	17.2.1r and 16.12.x	Not Supported	Not Supported	17.2.1r with NFVIS 4.1.2 FC2	18.3, 18.4, 19.2, and 20.1	20.1.1 & lower up to 19.2.099	20.1.1 & lower up to 19.2.1
20.1.1.1	17.2.1r, 16.12.x, 16.10.x, and 16.9.x	17.2.1v, 17.2.1r, and 16.12.x	Not Supported	Not Supported	17.2.1r with NFVIS 4.1.2.FC2	18.3, 18.4, 19.2, 20.1, and 20.1.1.1	20.1.1.1 & lower up to 19.2.099	20.1.1.1 & lower up to 19.2.1
20.1.12	17.2.1v, 17.2.1r, 16.12.x, 16.10.x, and 16.9.x	17.2.1v, 17.2.1r, and 16.12.x	Not Supported	Not Supported	17.2.1r with NFVIS 4.1.2 FC2	18.3, 18.4, 19.2, 20.1, 20.1.12	20.1.12 & lower up to 19.2.099	20.1.12 & lower up to 19.2.1
20.1.2	17.2.2, 17.2.1v, 17.2.1r, 16.12.x, 16.10.x, and 16.9.x	17.2.2, 17.2.1v, 17.2.1r, and 16.12.x	Not Supported	Not Supported	17.2.1r with NFVIS 4.1.2.FC2	18.3, 18.4, 19.2, 20.1, 20.1.12, and 20.1.2	20.1.2 & lower up to 19.2.099	20.1.2 & lower up to 19.2.1

Compatibility Matrix for Cisco SD-WAN Release 19.2.x

Table 4: Compatibility Matrix for Cisco SD-WAN Release 19.2.x

Controllers	ISR1000/SR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRv (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
19.2.099	16.12.1e and lower versions of 16.12, 16.10.x, and 16.9.x	16.12.1e and lower versions of 16.12	Not Supported	Not Supported	16.12.1a with NFVIS 3.12.3FC4	18.4 and 19.2.099	19.2.099	Not Supported
19.2.1	16.12.2r and lower versions of 16.12, 16.10.x, and 16.9.x	16.12.2r and lower versions of 16.12	Not Supported	Not Supported	16.12.1a, 16.12.2r with NFVIS 3.12.3FC4	18.3, 18.4, 19.2.099, and 19.2.1	19.2.099 and 19.2.1	19.2.1
19.2.2	16.12.3 and lower versions of 16.12, 16.10.x, 16.9.x	16.12.3 and lower versions of 16.12	Not Supported	Not Supported	16.12.3 with NFVIS 3.12.3FC4	18.3, 18.4, 19.2.099, 19.2.1, and 19.2.2	19.2.099, 19.2.1, and 19.2.2	19.2.1 and 19.2.2
19.2.3	16.12.4 and lower versions of 16.12, 16.10.x, 16.9.x	16.12.4a and lower versions of 16.12	Not Supported	Not Supported	16.12.4 with NFVIS 3.12.3FC4	18.3, 18.4, 19.2.099, 19.2.1, 19.2.2, 19.2.3, and 19.2.31	19.2.099, 19.2.1, 19.2.2, 19.2.3, and 19.2.31	19.2.1, 19.2.2, 19.2.3, and 19.2.31
19.2.4	16.12.5 and lower versions of 16.12, 16.10.x, 16.9.x	16.12.5 and lower versions of 16.12	Not Supported	Not Supported	16.12.5 with NFVIS 4.2.1 FC3	18.3, 18.4, 19.2.099, 19.2.1, 19.2.2, 19.2.3, 19.2.31, and 19.2.4	19.2.099, 19.2.1, 19.2.2, 19.2.3, 19.2.31, and 19.2.4	19.2.1, 19.2.2, 19.2.3, 19.2.31, and 19.2.4

Compatibility Matrix for Cisco SD-WAN Release 18.4.x

Table 5: Compatibility Matrix for Cisco SD-WAN Release 18.4.x

Controllers	ISR1000/ISR4000/ASR1000	CSR1000v	C8000v	Catalyst 8300/Catalyst 8500	ISRv (ENCS/CSP)	vEdge	ISR 1100-4G and ISR 1100-6G	ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB
18.4.4	16.10.4 and lower versions of 16.10.x and 16.9.x	Not Supported	Not Supported	Not Supported	Not Supported	17.2.8 or higher up to 18.4.4	Not Supported	Not Supported
18.4.5	16.10.5 and lower versions of 16.10.x and 16.9.x	Not Supported	Not Supported	Not Supported	Not Supported	17.2.8 or higher up to 18.4.5	Not Supported	Not Supported
18.4.6	16.10.6 and lower versions of 16.10.x and 16.9.x	Not Supported	Not Supported	Not Supported	Not Supported	17.2.8 or higher up to 18.4.6	Not Supported	Not Supported



Note

- 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 vManage CLI templates, starting from Cisco SD-WAN Release 20.1.1 and later releases.

Hypervisor Compatibility Matrix for vManage, vSmart, vBond and vEdgeCloud

Table 6: Hypervisor Compatibility Matrix for vManage, vSmart, vBond and vEdgeCloud

Controller Version	vEdgeCloud-Device Version	vManage/vSmart/vBond-Hypervisor Version		vEdgeCloud-Hypervisor Version		
		ESXi	KVM	ESXi	KVM	NFVIS
18.4	18.4	6.0/6.5	2.11.1	6.5/6.7	RHEL 7.5/7.7	NA
19.2	19.2	6.0/6.5	2.11.1	6.5/6.7	RHEL 7.5/7.7	3.12.3 FC4
20.1	20.1	6.0/6.5	2.11.1	6.5/6.7	RHEL 7.5/7.7	4.1.2 FC2

Controller Version	vEdgeCloud-Device Version	vManage/vSmart/vBond-Hypervisor Version		vEdgeCloud-Hypervisor Version		
		ESXi	KVM	ESXi	KVM	NFVIS
20.3	20.3	6.0/6.5	2.11.1	6.5/6.7	RHEL 7.5/7.7	4.2.1 FC3
20.4	20.4	6.5/6.7	2.11.x	6.5/6.7	RHEL 7.5/7.7	4.4.1 FC2

Hypervisor Compatibility Matrix for CSR1000v, ISRv and C8000v

Table 7: Hypervisor Compatibility Matrix for CSR1000v, ISRv and C8000v

Controller Version	CSR1000v/ISRv/C8000v-Device version	CSR1000v/ISRv/C8000v-Hypervisor Version		
		ESXi	KVM	NFVIS
19.2	16.12	6.5	RHEL 7.5	3.12.3 FC4
20.1	17.2	6.5	RHEL 7.5	4.1.2 FC2
20.3	17.3	6.5/6.7	RHEL 7.5/7.7	4.2.1 FC3
20.4	17.4	6.5/6.7	RHEL 7.5/7.7	4.4.1 FC2



Note Beginning with Cisco IOS XE Release 17.4.1a, the Cisco Catalyst 8000V is a newly supported virtual router platform replacing the Cisco CSR1000V and Cisco ISRv. Installing the Cisco Catalyst 8000V in a Cisco SD-WAN environment requires Cisco vManage Release 20.4.1 or later. Note that beginning with Cisco IOS XE Release 17.4.1a, there are no installable images for Cisco CSR1000V or Cisco ISRv.

Related Documents

For more information about Cisco CSR 1000v, refer to [Release Notes for Cisco CSR 1000V Series, Cisco IOS XE Amsterdam 17.3.x](#)

For more information about Cisco Catalyst 8000V, refer to [Release Notes for Cisco Catalyst 8000V Edge Software, Cisco IOS XE Bengaluru 17.4.x](#)

For information about Cisco vEdge Cloud Routers, refer to [Cisco vEdge Cloud Data Sheet](#)