



# Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.5.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: Compatibility Matrix for ISR1000, ISR4000 and ASR 1000 platforms**

| Control Components | ISR1000/ISR4000/ASR1000                                                                   |
|--------------------|-------------------------------------------------------------------------------------------|
| 20.5.1             | 17.5.1a, 17.4.1b, 17.4.1a, 17.3.3, 17.3.2, 17.3.1a, 17.2.2, 17.2.1v, 17.2.1r, and 16.12.x |

**Table 2: Compatibility Matrix for Catalyst 8000 Series Platforms**

| Control Components | Catalyst 8300/Catalyst 8500                   | Catalyst 8200                 | Catalyst 8500L                | Catalyst 8200L |
|--------------------|-----------------------------------------------|-------------------------------|-------------------------------|----------------|
| 20.5.1             | 17.5.1a, 17.4.1b, 17.4.1a, 17.3.3, and 17.3.2 | 17.5.1a, 17.4.1b, and 17.4.1a | 17.5.1a, 17.4.1b, and 17.4.1a | 17.5.1a        |

**Table 3: Compatibility Matrix for Virtual Platforms**

| Control Components | CSR1000v                                                       | C8000v                        | ISRv (ENCS/CSP)                                       |
|--------------------|----------------------------------------------------------------|-------------------------------|-------------------------------------------------------|
| 20.5.1             | 17.3.3, 17.3.2, 17.3.1a, 17.2.1v, 17.2.1r, 16.12.5 and 16.12.4 | 17.5.1a, 17.4.1b, and 17.4.1a | 17.3.3, 17.3.2, 17.3.1a, 17.2.1r with NFVIS 4.5.1 FC2 |

**Table 4: Compatibility Matrix for Cisco SD-WAN vEdge Platforms**

| Control Components | vEdge                                                   |
|--------------------|---------------------------------------------------------|
| 20.5.1             | 19.2, 20.1, 20.1.12, 20.3.1, 20.3.2, 20.4.1, and 20.5.1 |

**Table 5: Compatibility Matrix for ISR1100 Platforms**

| Control Components | ISR 1100-4G and ISR 1100-6G                                                                                                                                                                                                                                                                                                                                                   | ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB                                                                                                                                                                                                                                                                                                                                          |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20.5.1             | <p>Cisco IOS XE Catalyst SD-WAN Release 17.5.1a, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.5.1.2, 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, 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</p> | <p>Cisco IOS XE Catalyst SD-WAN Release 17.5.1a, 17.4.2, 17.4.1b, 17.4.1a, and 17.3.3</p> <p>Cisco SD-WAN Release (Viptela OS) 20.5.1.2, 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, 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</p> |

**Table 6: 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     |
|--------------------|-----------------------------|-----------------|--------------------------------------------|-----------------------|---------------|
| 20.5.1             | 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 7: Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Cellular Gateways**

| Control Components | CG418-E                                                                                        | CG522-E                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 20.5.1             | 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.

