



# Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst SD-WAN Control Components Release 20.12.x

## Compatibility Matrix for Cisco Catalyst SD-WAN Routing Platforms

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

| Control Components    | ISR1000 and ISR4000  |
|-----------------------|--|
| 20.12.1               | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a  |
| 20.12.2               | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a                               |
| 20.12.3 and 20.12.3.1 | 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a          |
| 20.12.4               | 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a |

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

| Control Components | ASR1001-X   | ASR1002-X   | ASR1001-HX   | ASR1002-HX   | ASR1006-X-DNA  |
|--------------------|---|---|--|--|--|
| 20.12.1            | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a          | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a          | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a          |
| 20.12.2            | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a |

| Control Components    | ASR1001-X   | ASR1002-X   | ASR1001-HX  | ASR1002-HX  | ASR1006-X-DNA   |
|-----------------------|---|---|---|---|---|
| 20.12.3 and 20.12.3.1 | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a |

| Control Components | ASR1001-X   | ASR1002-X   | ASR1001-HX   | ASR1002-HX   | ASR1006-X-DNA  |
|--------------------|---|---|--|--|--|
| 20.12.4            | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a |

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

| Control Components | Catalyst 8200   | Catalyst 8200L  | Catalyst 8300/Catalyst 8500   | Catalyst 8500L  | Catalyst C8500-20X6C            |
|--------------------|---|---|---|---|---------------------------------|
| 20.12.1            | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6, 17.6.6a, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.2, 17.7.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a | 17.12.1a, 17.11.1a and 17.10.1a |



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

| Control Components    | C8000v  |
|-----------------------|---|
| 20.12.1               | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a                               |
| 20.12.2               | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a                      |
| 20.12.3 and 20.12.3.1 | 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a |
| 20.12.4               | 17.12.4, 17.12.3a, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.6.7, 17.6.6a, 17.6.6, 17.6.5a, 17.6.5, 17.6.4, 17.6.3a, 17.6.2, and 17.6.1a   |

**Table 5: Cisco Catalyst SD-WAN Compatibility Matrix for IOT IR Platforms**

| Control Components    | IR-1101-K9 and IR-1101-A-K9 | ESR-6300-CON-K9   | ESR-6300-NCP-K9 and ESR-6300-LIC-K9 | IR1821-K9, IR1831-K9, IR1833-K9, IR1835-K9 | IR8140H and IR8140H-P | IR8340-K9        |
|-----------------------|-----------------------------|-------------------|-------------------------------------|--|-----------------------|------------------|
| 20.12.1               | 17.6.1a and later           | 17.6.1a and later | 17.11.a and later                   | 17.6.1a and later                          | 17.7.1 and later      | 17.7.1 and later |
| 20.12.2               | 17.6.1a and later           | 17.6.1a and later | 17.11.a and later                   | 17.6.1a and later                          | 17.7.1 and later      | 17.7.1 and later |
| 20.12.3 and 20.12.3.1 | 17.6.1a and later           | 17.6.1a and later | 17.11.a and later                   | 17.6.1a and later                          | 17.7.1 and later      | 17.7.1 and later |
| 20.12.4               | 17.6.1a and later           | 17.6.1a and later | 17.11.a and later                   | 17.6.1a and later                          | 17.7.1 and later      | 17.7.1 and later |

**Table 6: Compatibility Matrix for Cisco vEdge 5000 and Cisco vEdge Cloud**

| Control Components | Cisco vEdge 5000   | Cisco vEdge Cloud  |
|--------------------|--|--|
| 20.12.1            | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, and 20.9.5, and 20.9.6 |

| Control Components    | Cisco vEdge 5000   | Cisco vEdge Cloud  |
|-----------------------|--|--|
| 20.12.2               | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 |
| 20.12.3 and 20.12.3.1 | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 |
| 20.12.4               | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 | 20.6.7, 20.6.6, 20.6.5, 20.6.4, 20.6.3, 20.6.1, 20.7.2, 20.7.1, 20.8.1, 20.9.1, 20.9.2, 20.9.3, 20.9.4, 20.9.5, and 20.9.6 |

**Table 7: 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   |
|-----------------------|--|--|
| 20.12.1               | 20.6.6, 20.6.5.4, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 | 20.9.6, 20.9.5, 20.9.4, 20.9.3.1, 20.9.3, 20.9.2, 20.9.1, 20.6.7, 20.6.6, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 |
| 20.12.2               | 20.6.6, 20.6.5.4, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 | 20.9.6, 20.9.5, 20.9.4, 20.9.3.1, 20.9.3, 20.9.2, 20.9.1, 20.6.7, 20.6.6, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 |
| 20.12.3 and 20.12.3.1 | 20.6.6, 20.6.5.4, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 | 20.9.6, 20.9.5, 20.9.4, 20.9.3.1, 20.9.3, 20.9.2, 20.9.1, 20.6.7, 20.6.6, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 |
| 20.12.4               | 20.6.6, 20.6.5.4, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 | 20.9.6, 20.9.5, 20.9.4, 20.9.3.1, 20.9.3, 20.9.2, 20.9.1, 20.6.7, 20.6.6, 20.6.5.3, 20.6.5.2, 20.6.4.1, 20.6.3.3, 20.6.3.2, and 20.6.1.2 |

Table 8: Cisco Catalyst SD-WAN Compatibility Matrix for ISR1100 Platforms

| Control Components | ISR 1100-4G, ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB , ISR1100-6G   | ISR1100X-4G<br>ISR1100X-6G   | Cisco 110x ISR, 111x ISR, 112x ISR, & 116x ISR   | Cisco 113x ISR  |
|--------------------|--|--|--|---|
| 20.12.1            | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p> <p>Cisco SD-WAN Releases (Viptela OS) From 20.3 to 20.9.6</p>          | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p> <p>Cisco SD-WAN Releases (Viptela OS) From 20.4 to 20.9.6</p>          | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p>          | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, and 17.7.1a</p>          |
| 20.12.2            | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p> <p>Cisco SD-WAN Releases (Viptela OS) From 20.3 to 20.9.6</p> | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p> <p>Cisco SD-WAN Releases (Viptela OS) From 20.4 to 20.9.6</p> | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a</p> | <p>Cisco IOS XE Catalyst SD-WAN Releases 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, and 17.7.1a</p> |



| Control Components    | ISR 1100-4G, ISR1100 - 4GLTENA, ISR1100 - 4GLTEGB , ISR1100-6G  | ISR1100X-4G<br>ISR1100X-6G  | Cisco 110x ISR, 111x ISR, 112x ISR, & 116x ISR  | Cisco 113x ISR   |
|-----------------------|---|---|---|--|
| 20.12.3 and 20.12.3.1 | Cisco IOS XE Catalyst SD-WAN Releases 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a<br><br>Cisco SD-WAN Releases (Viptela OS) From 20.3 to 20.9.6          | Cisco IOS XE Catalyst SD-WAN Releases 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a<br><br>Cisco SD-WAN Releases (Viptela OS) From 20.4 to 20.9.6          | Cisco IOS XE Catalyst SD-WAN Releases 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a          | Cisco IOS XE Catalyst SD-WAN Releases 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, and 17.7.1a          |
| 20.12.4               | Cisco IOS XE Catalyst SD-WAN Releases 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a<br><br>Cisco SD-WAN Releases (Viptela OS) From 20.3 to 20.9.6 | Cisco IOS XE Catalyst SD-WAN Releases 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a<br><br>Cisco SD-WAN Releases (Viptela OS) From 20.4 to 20.9.6 | Cisco IOS XE Catalyst SD-WAN Releases 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 17.7.1a, 17.6.7, 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, and 17.4.1a | Cisco IOS XE Catalyst SD-WAN Releases 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.5a, 17.9.4, 17.9.4a, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, and 17.7.1a |

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

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

| Control Components    | Cisco Catalyst 8300 Series Edge uCPE           | Cisco Catalyst 8200 Series Edge uCPE  | ENCS 5400   |
|-----------------------|--|---|---|
| 20.12.1               | Not supported in Cisco NFVIS Release 4.12.1    | Cisco NFVIS Release 4.12.1, 4.11.1, 4.10.1, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1                                | Cisco NFVIS Release 4.12.1, 4.11.1, 4.10.1, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1                                |
| 20.12.2               | Cisco NFVIS Release 4.12.2                     | Cisco NFVIS Release 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1                        | Cisco NFVIS Release 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1                        |
| 20.12.3 and 20.12.3.1 | Cisco NFVIS 4.12.3, 4.12.2, and 4.12.1         | Cisco NFVIS Release 4.12.3, 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.5, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1         | Cisco NFVIS Release 4.12.3, 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.5, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1         |
| 20.12.4               | Cisco NFVIS 4.12.4, 4.12.3, 4.12.2, and 4.12.1 | Cisco NFVIS Release 4.12.4, 4.12.3, 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.5, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 4.6.4, 4.6.3, 4.6.2, and 4.6.1 | Cisco NFVIS Release 4.12.4, 4.12.3, 4.12.2, 4.12.1, 4.11.1, 4.10.1, 4.9.5, 4.9.4, 4.9.3, 4.9.2, 4.9.1, 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 4.12.1, your Cisco SD-WAN Manager must run Cisco SD-WAN Control Components Release 20.12.1.

**Table 10: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco NFVIS Platforms and Cisco Catalyst SD-WAN Control Components**

| Cisco Catalyst 8300 Series Edge uCPE | Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE | Control Components                     |
|--------------------------------------|--|--|
| Not supported                        | Cisco NFVIS Release 4.12.1                               | 20.12.1                                |
| Cisco NFVIS Release 4.12.2           | Cisco NFVIS Release 4.12.2                               | 20.12.1 and 20.12.2                    |
| Cisco NFVIS Release 4.12.3           | Cisco NFVIS Release 4.12.3                               | 20.12.1, 20.12.2, and 20.12.3          |
| Cisco NFVIS Release 4.12.4           | Cisco NFVIS Release 4.12.4                               | 20.12.1, 20.12.2, 20.12.3, and 20.12.4 |



**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 4.12.2, the Cisco Catalyst 8000V must be running Cisco IOS XE Catalyst SD-WAN Release 17.12.2 or earlier releases.

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

| Cisco Catalyst 8300 Series Edge uCPE | Cisco ENCS 5400 and Cisco Catalyst 8200 Series Edge uCPE | Cisco Catalyst 8000V   |
|--------------------------------------|--|--|
| Not supported                        | Cisco NFVIS Release 4.12.1                               | 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 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, and 17.6.1a                            |
| Cisco NFVIS Release 4.12.2           | Cisco NFVIS Release 4.12.2                               | 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 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, and 17.6.1a                   |
| Cisco NFVIS Release 4.12.3           | Cisco NFVIS Release 4.12.3                               | 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 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, and 17.6.1a          |
| Cisco NFVIS Release 4.12.4           | Cisco NFVIS Release 4.12.4                               | 17.12.4, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, 17.8.1a, 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, and 17.6.1a |



**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 17.12.1a, your Cisco Catalyst 8200 Series Edge uCPE must be running Cisco NFVIS Release 4.12.1.

Table 12: Cisco Catalyst SD-WAN Compatibility Matrix for Cisco Catalyst 8000V and Cisco NFVIS Platforms

| Cisco Catalyst 8000V | Cisco Catalyst 8200 Series Edge uCPE and Cisco ENCS 5400 | Cisco Catalyst 8300 Series Edge uCPE |
|----------------------|--|--------------------------------------|
| 17.12.1a             | Cisco NFVIS Release 4.12.1 and 4.12.2                    | Not supported                        |
| 17.12.2              | Cisco NFVIS Release 4.12.2                               | Cisco NFVIS Release 4.12.2           |
| 17.12.3              | Cisco NFVIS Release 4.12.3                               | Cisco NFVIS Release 4.12.3           |
| 17.12.4              | Cisco NFVIS Release 4.12.4                               | Cisco NFVIS Release 4.12.4           |

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

Table 13: Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Cellular Gateways

| Control Components    | CG418-E  | CG522-E  |
|-----------------------|--|--|
| 20.12.1               | Cisco IOS CG Release 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1  | Cisco IOS CG Release 17.12.1a, 17.11.1a  |
| 20.12.2               | Cisco IOS CG Release 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1                               | Cisco IOS CG Release 17.12.2, 17.12.1a, 17.11.1a                               |
| 20.12.3 and 20.12.3.1 | Cisco IOS CG Release 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1          | Cisco IOS CG Release 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a          |
| 20.12.4               | Cisco IOS CG Release 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a and 17.9.1 | Cisco IOS CG Release 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a |

Table 14: Compatibility Matrix for Cisco SD-WAN Control Components and Cisco Catalyst Wireless Gateways

| Control Components    | CG113  |
|-----------------------|--|
| 20.12.1               | Cisco IOS CG Release 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a,                               |
| 20.12.2               | Cisco IOS CG Release 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a,                      |
| 20.12.3 and 20.12.3.1 | Cisco IOS CG Release 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, |

| Control Components | CG113   |
|--------------------|---|
| 20.12.4            | Cisco IOS CG Release 17.12.4, 17.12.3.1a, 17.12.3, 17.12.2, 17.12.1a, 17.11.1a, 17.10.1a, 17.9.6, 17.9.5a, 17.9.4, 17.9.3a, 17.9.2a, 17.9.1a, |

**Note**

- Starting from Cisco vManage Release 20.9.1, the Control components software version must be the same or be higher than 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 control components combinations listed in this table have been validated. However, there are no software changes in this control components software release, which impact the device-to-control components 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 Catalyst 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](#).
- If your Cisco IOS XE Catalyst SD-WAN devices are running Cisco IOS XE Catalyst SD-WAN Release 16.12.x and 17.2.x and if you are looking to upgrade your Cisco Catalyst SD-WAN Manager to Cisco Catalyst SD-WAN Control Components Release 20.12.1, you need to upgrade your Cisco IOS XE Catalyst SD-WAN devices to Cisco IOS XE Catalyst SD-WAN Release 17.3.x.
- If your Cisco vEdge devices are running Cisco SD-WAN Release 20.1.x and if you are looking to upgrade your Cisco Catalyst SD-WAN Manager to Cisco Catalyst SD-WAN Control Components Release 20.12.1, you need to upgrade your Cisco vEdge devices to Cisco Catalyst SD-WAN Control Components Release 20.3.x.

