# Hypervisor Compatibility Matrix for Cloud Routers

**Note** For information on Control Components and vEdgeCloud, see
Hypervisor%20Compatibility%20Matrix%20for%20Cisco%20Catalyst%20SD-WAN%20Control%20Components%20and%20vEdgeCloud.

*Table 1: Hypervisor Compatibility Matrix for CSR1000v, ISRv and C8000v*

| Control Component Version | CSR1000v/ISRv/C8000v-Device version | CSR1000v/ISRv/C8000v-Hypervisor Version | | |
|---|---|---|---|---|
| | | **ESXi** | **KVM** | **NFVIS** |
| 20.6 | 17.6 | 6.5/6.7/7.0 | RHEL 7.5/7.7 | 4.6.3 FC1 |
| 20.9 | 17.9 | 6.7/7.0 | RHEL 7.7/8.4, Openstack RH-OSP 16.1, and Openstack CVIM 4.2 | 4.9.4 FC3 |
| 20.12 | 17.12 | 6.7/7.0 | RHEL 7.7/8.4, Openstack RH-OSP 16.1, and Openstack CVIM 4.2 | 4.12.1 FC1 |
| 20.13 | 17.13 | 6.7/7.0 | RHEL 7.7/8.4, Openstack RH-OSP 16.1, and Openstack CVIM 4.2 | 4.13.1 FC1 |
| 20.14 | 17.14 | 6.7/7.0 | RHEL 7.7/8.4, Openstack RH-OSP 16.1, and Openstack CVIM 4.2 | 4.14.1 FC1 |

| Control Component Version | CSR1000v/ISRv/C8000v-Device version | CSR1000v/ISRv/C8000v-Hypervisor Version | | |
|---|---|---|---|---|
| | | **ESXi** | **KVM** | **NFVIS** |
| 20.15 | 20.15 | 7.0/7.7/8.0 | RHEL 8.4/9.2, Openstack RH-OSP 16.1, and Openstack CVIM 4.2 | 4.14.1 FC1 |

**Note** Starting from Cisco IOS XE Catalyst SD-WAN Release 17.4.1a, the Cisco Catalyst 8000V is newly endorsed virtual router platform, supplanting the Cisco CSR1000V and Cisco ISRv. To integrate the Cisco Catalyst 8000V into a Cisco Catalyst SD-WAN setup, you must have Cisco vManage Release 20.4.1 or a more recent version. It's important to note that as of Cisco IOS XE Catalyst SD-WAN Release 17.4.1a, there are no longer any installable images available for Cisco CSR1000V or Cisco ISRv.

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