Release Notes for Cisco SD-WAN Cloud OnRamp for Colocation Solution, Release 20.9.x

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Related References

- [Release Notes for Previous Releases](#)

- [Release Notes for Cisco Enterprise Network Function Virtualization Infrastructure Software](#)

- [Release Notes for Cisco SD-WAN Product Documentation](#)

User Documentation

- [Solution User Guides for Cisco SD-WAN Cloud OnRamp for Colocation](#)

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New and Enhanced Features

This section lists the new and modified features that are supported on the Cisco SD-WAN Cloud OnRamp for Colocation solution.

- Day-N Expansion of Cluster Resource Pools: This feature supports editing selective resource pool parameters when the cluster state is active.

- Common Port Channel for Ingress and Egress Traffic: This feature introduces a common port channel for ingress and egress traffic from the time of creation of a colocation cluster. This feature facilitates an uninterrupted traffic flow by bringing all connected member links into a single port channel on the catalyst switch, which in turn load balances the traffic. The ingress port number is used to create a single port channel.

  After creating the single port channel, ensure that the topology changes required for an uninterrupted traffic flow are made.
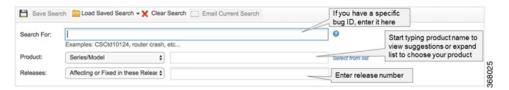
Important Note

Deactivate cluster workflow is not supported: The workflow to deactivate a cluster and then subsequently activate the cluster is not supported through Cisco vManage. Therefore, we recommend that you delete the cluster and recreate it, instead.
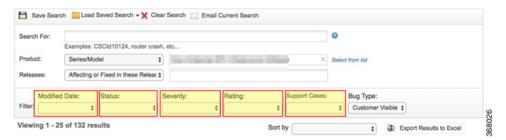
Resolved and Open Bugs

About the Cisco Bug Search Tool

Use the Cisco Bug Search Tool to access open and resolved bugs for a release.

The tool allows you to search for a specific bug ID, or for all bugs specific to a product and a release.

You can filter the search results by last modified date, bug status (open, resolved), severity, rating, and support cases.

Bugs for Cisco SD-WAN Cloud OnRamp for Colocation Solution Release 20.9.2

This section details all fixed bugs for this release. These are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Resolved Bugs for Device

All resolved device bugs for this release are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Bud ID	Description
CSCwc82388	NFVIS 4.9.1 CSP Call Trace i40e 0000:af:00.1: Unable to configure VFs, other operation is pending
CSCwc73891	NFVIS tech support generation caused disk space to rapidly fill up

Bugs for Cisco SD-WAN Cloud OnRamp for Colocation Solution Release 20.9.1

This section details all fixed and open bugs for this release. These are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Resolved Bugs for Cisco vManage

All resolved vManage bugs for this release are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Bud ID	Description
CSCwb38655	Delete CSP (with CCM) followed by Add CSP - MT Cluster failed - Infra Exception
CSCwb40158	Adding CSP after CCM hosting CSP for MT cluster is deleted, CCM is stuck in "Initializing State"
CSCwb61208	Cisco vManage Cluster-CCM is stuck in "Initializing" state after delete/add of CSP

Resolved Bugs for Device

All resolved device bugs for this release are available in the Cisco Bug Search Tool through the Resolved Bug Search.

Bud ID	Description
CSCwb58569	CoRC: NFVIS pnic in down state causing some data traffic failure in MT cluster
CSCwb28110	After factory default reset, hostname is stuck at factory-reset

Open Bugs for Cisco vManage

All open Cisco vManage bugs for this release are available in the Cisco Bug Search Tool through the Open Bug Search.

Bug ID	Description
CSCwc25004	SCHM chain status details are slashed
CSCwc32618	Delete CSP does not show the service group name in the error messages in some cases
CSCwc39127	Clicking on Delete CSP in Edit cluster page does not delete the CSP
CSCwc54125	Cluster is in Pending state even after the CCM task is marked failed
CSCwc50855	Support de-activate and re-activate of existing cluster
CSCwc61498	vnf-ha-net reused causing HA formation to FAIL

Open Bugs for Device

All open device bugs for this release are available in the Cisco Bug Search Tool through the Open Bug Search.

Bug ID	Description
CSCwb29925	Detach and attach of service chain during cntrl flap following by sync - Can't update SRIOV network
CSCwb66356	MT cluster - SingleVNF shared chain egress interface ping fails randomly
CSCwb59771	CSP becomes unreachable during SG detach
CSCwc73592	On MT (shared) CloudDock cluster secondary ASAv's inside IP is not pingable in c8kv-asav(l3 HA)-c8kv

Software Requirements Matrix

Software Matrix for Cisco SD-WAN Cloud OnRamp for Colocation Solution Release 20.9.2

The following are the supported versions for Cisco Enterprise NFV Infrastructure Software, Cisco vManage, Cisco vBond Orchestrator, Cisco vSmart Controller, and Cisco Catalyst 9500 switches.

Software	Version
Cisco vManage	Cisco vManage Release 20.9.2
Cisco vBond Orchestrator	Cisco vManage Release 20.9.2
Cisco vSmart Controller	Cisco vManage Release 20.9.2
Cisco Enterprise NFV Infrastructure Software (NFVIS)	Release 4.9.2
Cisco Catalyst 9500-40X and Cisco Catalyst 9500-48Y4C	Release 17.3.1, 17.3.3
Firmware Version (CIMC)	Release 4.2(2a)

All release-specific information for Cisco vSmart Controllers, Cisco vBond Orchestrators, Cisco vManage is included in Cisco SD-WAN Release Notes.

The supported VNFs and Cisco PNFs in this solution are:

> **Note** You must procure license for the required VNFs. Alternatively, you can choose to bring your own Day-0 configuration and repackage the VNFs, if required.

Table 1: Validated Cisco VNFs

VNF	Version
Cisco CSR1000V	17.1.1, 17.2, 17.3.1a
Cisco Catalyst 8000V	17.4.1a, 17.5.1a, 17.6.1a, 17.7.1a, 17.8.1a
Cisco IOS XE SD-WAN Device	16.12.2r, 17.2.1r, 17.3.1a
Cisco ASAv	9.12.2, 9.13.1, 9.15.1, 9.16.3, 9.17.1
Cisco FTDv/NGFW	6.4.0.1, 6.5.0-115, 6.6.3, 7.1.0-90
Cisco vEdge Cloud Router	19.2.1, 20.1.1, 20.3.1, 20.4.1, 20.5.1, 20.6.1, 20.7.1, 20.8.1

Table 2: Validated Cisco PNFs

PNF	Version
Cisco ASR 1000 Series	17.1, 17.2, 17.3, 17.6.1, 17.7.1a, 17.8.1a

Software Matrix for Cisco SD-WAN Cloud OnRamp for Colocation Solution Release 20.9.1

The following are the supported versions for Cisco Enterprise NFV Infrastructure Software, Cisco vManage, Cisco vBond Orchestrator, Cisco vSmart Controller, and Cisco Catalyst 9500 switches.

Software	Version
Cisco vManage	Cisco vManage Release 20.9.1
Cisco vBond Orchestrator	Cisco vManage Release 20.9.1
Cisco vSmart Controller	Cisco vManage Release 20.9.1
Cisco Enterprise NFV Infrastructure Software (NFVIS)	Release 4.9.1
Cisco Catalyst 9500-40X and Cisco Catalyst 9500-48Y4C	Release 17.3.1, 17.3.3
Firmware Version (CIMC)	Release 4.2(2a)

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Cisco Catalyst 8000V	17.4.1a, 17.5.1a, 17.6.1a, 17.7.1a, 17.8.1a
Cisco IOS XE SD-WAN Device	16.12.2r, 17.2.1r, 17.3.1a
Cisco ASAv	9.12.2, 9.13.1, 9.15.1, 9.16.3, 9.17.1
Cisco FTDv/NGFW	6.4.0.1, 6.5.0-115, 6.6.3, 7.1.0-90
Cisco vEdge Cloud Router	19.2.1, 20.1.1, 20.3.1, 20.4.1, 20.5.1, 20.6.1, 20.7.1, 20.8.1

Table 4: Validated Cisco PNFs

PNF	Version
Cisco ASR 1000 Series	17.1, 17.2, 17.3, 17.6.1, 17.7.1a, 17.8.1a

Related Documentation

- Hardware Guides for Cisco Catalyst 9500 Series Switches
- Hardware Guide for Cisco Cloud Services Platform 5000
- Configuration Guides for Cisco Enterprise Network Function Virtualization Infrastructure Software
- Configuration Guides for Cisco Catalyst 9500 Switches
- Configuration Guides for Cisco Network Plug and Play Application
- Command Reference Guides for Cisco Enterprise Network Function Virtualization Infrastructure Software