



Release Notes for Cisco SD-WAN Cloud OnRamp for Colocation Solution, Release 20.7.1

First Published: 2021-12-07

Last Modified: 2021-12-07

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- [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 Features

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

- [Packet Capture for Cloud onRamp Colocation Clusters](#): Starting from this release, you can capture packets at either the physical interface level (PNIC) or the virtual interface level (VNIC) on a CSP device of a colocation cluster.
- [Support for Cisco VM Image Upload in qcow2 Format](#): This feature allows you to upload a virtual machine image to Cisco vManage in qcow2 format. Earlier, you could upload only a prepackaged image file in tar.gz format.

Important Note

Deactivate cluster workflow is not supported: The workflow to deactivate a cluster and then subsequently activate the cluster is not supported through vManage. Therefore, it is recommended to delete and recreate the cluster, 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 20.7.1

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.

Bug ID	Description
CSCvz33123	Shared clouddock cluster activation shows FAILED after claiming its successful
CSCvx81784	If service-group is detached before VNF install completes configuration database is locked
CSCvy83790	CCM config rejection does NOT cause Cluster to be marked in "Failed" State

Resolved Bugs for Device

All resolved device bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved Bug Search.

Bug ID	Description
CSCvy82053	No Proper error is displayed for RPC error reported on CCM "Colo-config-status" when switch rejects
CSCvy83871	Cat9k running config and CDB not in SYNC after RPC rejection due to limit of 63 vlans

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
CSCvx19565	VNF State shows green on vManage while VNF Install is still in progress and VNF is yet to be deployed.

Bug ID	Description
CSCvn25349	When trying to detach a service chain from cluster, if all steps are not completed by clicking complete and instead you go back to the browser, the detach option changes to attach option.
CSCvq30141	Editing and updating the description field of service group does not get saved.
CSCvq56847	Modifying a High Availability (HA) enabled service group to Non-HA service group returns an error and deletes all service chains in that Service Group.
CSCvw55666	Service group attach fails with error - "Error - Cannot create. Image already exists".
CSCvx85271	After upgrading CSPs, data collection is stuck at queued state for CSPs in Rediscover Network.
CSCvz03954	Cisco vManage clustering doesn't support CoRC
CSCwa31824	System IP of a CSP is "not released" by Cisco vManage even after it is decommissioned.
CSCvy67228	Cisco vManage UI: Need validate ipv4 for syslog server
CSCwa08881	Real Time "Resources CPU Info" showing more DPDK/VNF vcpus than actual
CSCwa27669	After delete of CCM hosting CSP from colo cluster, no CCM is spun with attach of new service-group
CSCwa37167	Edit after cloning SG throws error while saving and does not save all SCs
CSCwa39735	Clouddock cluster activation failure due to vManage sending CCM tasks to same CSP twice
CSCwa39835	Clouddock cluster activation failure due to Cisco vManage sending CCM tasks to both CSPs
CSCwa45185	C8000v upgrade from 17.6 to 17.7 failed as token gets reset with upgrade and control conn fails

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
CSCvz13151	End-End Ping fine but SCHM UNHEALTHY on MT cluster
CSCvt99640	Cluster activation failure due to management interface administratively down on Catalyst 9500-40X switch.
CSCvw86346	NTP Clock doesn't sync causing certification install to fail on CSP.
CSCvu69272	Even if traffic is fine, SCHM is unhealthy with notification "Failed to check data path health."
CSCvu69796	Cisco ASAv fails to boot up intermittently and is stuck.

Bug ID	Description
CSCvx96852	After hostaction reboot, the VMs are stuck in rebooting state and multiple subsystems stopped on UCSC.
CSCwa30558	segfault at c68 .. error 6 in lldpad during longevity on MT cluster
CSCwa33164	VMs in rebooting state forever after rebooting CSP
CSCwa50085	Existing VM's in error state after detaching a service chain- Detach failed due to VM in Error.

Software Requirements Matrix

Software Matrix

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 20.7.1
Cisco vBond Orchestrator	Cisco SD-WAN Release 20.7.1
Cisco vSmart Controller	Cisco SD-WAN Release 20.7.1
Cisco Enterprise NFV Infrastructure Software (NFVIS)	Release 4.7.1
Cisco Catalyst 9500-40X and Cisco Catalyst 9500-48Y4C	Release 17.3.1, 17.3.3

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
Cisco IOS XE SD-WAN Device	16.12.2r, 17.2.1r, 17.3.1a
Cisco ASA v	9.12.2, 9.13.1, 9.15.1

VNF	Version
Cisco FTDv/NGFW	6.4.0.1, 6.5.0-115, 6.6.3
Cisco vEdge Cloud Router	19.2.1, 20.1.1, 20.3.1, 20.4.1, 20.5.1, 20.6.1

Table 2: Validated Cisco PNFs

PNF	Version
Cisco ASR 1000 Series	17.1, 17.2, 17.3, 17.6.1

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](#)

