



Cisco Cloud Services Platform Release Notes, Release 2.5.0

First Published: 2019-04-19

Last Modified: 2019-08-26

Cisco Cloud Services Platform Release Notes

This document describes the features and limitations for the Cisco Cloud Services Platforms 2100 and 5000, Release 2.5.0.

Supported Cisco Networking Services

Cisco CSP can host any Cisco or third-party VNF that is supported on KVM hypervisor. Some of the Cisco VNFs available include the following:

- Cisco Cloud Services Router (CSR) 1000V virtual router
- Cisco IOS® XRv 9000 Router
- Cisco Adaptive Security Virtual Appliance (ASAv)
- Cisco Firepower™ NGFW Virtual
- Cisco Prime® Virtual Network Analysis Module (vNAM)
- Cisco Virtual Wide Area Application Services (vWAAS)
- Cisco Web Security Virtual Appliance (WSAv)
- Cisco Virtual Security Gateway (VSG) for Cisco Nexus® 1000V Series Switch deployments
- Cisco Virtual Supervisor Module (VSM) for Cisco Nexus 1000V Series Switch deployments
- Cisco Data Center Network Manager (DCNM)

New and Enhanced Features

Cisco CSP Release 2.5.0 includes the following features and enhancements along with security and bug fixes:

New Features

- New PNIC naming convention: The PNIC names are now changed to the new format, Eth<slot>-port.
- Support for multiple DNS server configuration: Admin can now configure up to three DNS servers.
- Dedicated NFS management network: Admin can create a dedicated network for NFS by using a PNIC that is different from the one used as the management PNIC.

- Recovery of VNFs from .img files: You can deploy VNFs by using their saved .img file. The VNF comes up with Day-N configuration.
- Automatic VNF migration from failed nodes in cluster to other nodes: CSP automatically detects a node failure in a cluster and moves the VNFs from the failed node to other nodes in the cluster.
- Cluster support with TACACS and RADIUS: TACACS and RADIUS users can use copy to and from operations in a cluster.
- Live edit of VNICs with DPDK: The VNF VNIC attributes for DPDK interfaces can be edited without powering down the VNF.
- Support for Intel XXV710 NIC: Intel XXV710 NIC is now supported.
- Support for 40G to 10G breakout cable: You can run Intel XL710 NIC in one of the two modes, 2x40G or 4x10G and use 40G to 10G breakout cable.

Network Interface Card Driver Compatibility

This release includes the following NICs Physical function (PF) drivers. See VNF documentations for more information about compatibility between the Virtual function (VF) driver included in VNF and the NICs PF drivers.

- Ixgbe PF driver version: 5.6.1
- I40e PF driver version: 2.9.21

Important Notes

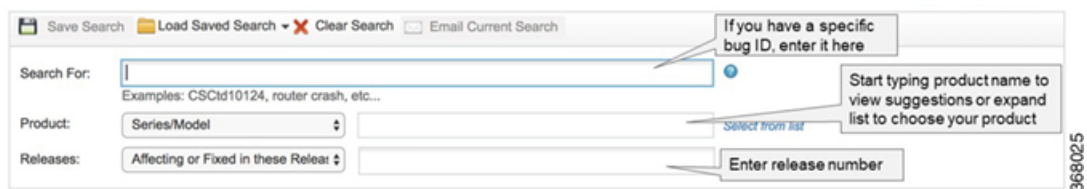
- Ensure that you upgrade to the latest Cisco UCS firmware available on CCO. The minimum required version being 4.0(4d).
- You can only upgrade from CSP, Release 2.3.2 or later to this release.

Access CSP 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.

Save Search Load Saved Search Clear Search Email Current Search

Search For: Examples: CSCtd10124, router crash, etc...

Product: Series/Model Select from list

Releases: Affecting or Fixed in these Release

Filter: Modified Date: Status: Severity: Rating: Support Cases: Bug Type: Customer Visible

Viewing 1 - 25 of 132 results Sort by Export Results to Excel

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Note For the **Product** drop-down list, choose either **Cisco Cloud Services Platform 2100** or **Cisco Cloud Services Platform 5000**.

Known Behavior

- Management interfaces cannot be configured as passthrough interfaces.
- Only local users can log in to Cisco CSP using CIMC console. Remote TACACS+ users cannot log in to Cisco CSP by using CIMC console.
- Only the vNIC e1000 model is supported with Cisco VSM and Cisco VSG services.
- Only ISO image files are supported with Cisco VSM and Cisco VSG services.

Related Documentation for Cisco Cloud Services Platform

- [Data Sheet for Cisco Cloud Services Platform 5000 Series](#)
- [Release Notes for Cisco Cloud Services Platform](#)
- [Quick Start Guide for Cisco Cloud Services Platform](#)
- [Hardware Installation Guide for Cisco Cloud Services Platform](#)
- [Regulatory Compliance and Safety Information for Cisco Cloud Services Platform](#)
- [Configuration Guide for Cisco Cloud Services Platform](#)
- [Command Reference Guide for Cisco Cloud Services Platform](#)
- [REST API Guide for Cisco Cloud Services Platform](#)

