



Release Notes for COS 3.14.6 Maintenance Release

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These release notes describe the key features of Cisco Cloud Object Storage (COS) Release 3.14.6 and describe caveats and other issues contained within this release. For a list of caveats that apply to this COS release, see [Caveats, page 3](#).

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Introduction

Cisco Cloud Object Storage (COS) provides distributed, resilient, high-performance storage and retrieval of binary large object (blob) data. Object storage is distributed across a cluster of hardware systems, or nodes. The storage cluster is resilient against hard drive failure within a node and against node failure within a cluster. Nodes can be added to or removed from the cluster to adjust cluster capacity as needed.

COS has two primary interfaces for content management:

- The OpenStack Swift API, with enhancements to improve quality of service when accessing both large and small media objects
- The Fanout API for efficient storage of unique copies for fair-use compliance

As a managed service of the Cisco Virtualized Video Processing Controller (V2PC), COS is managed through the V2PC graphical web user interface (GUI), which uses REST APIs to simplify COS setup and management. COS also includes a command-line interface (CLI) for management of remote or programmatic content. In addition, COS provides authentication and authorization services using the OpenStack Swauth API.

Through its various management interfaces, COS provides access to large and small media objects, maintains high quality of service, supports cluster management, and coordinates the replication of data across sites to improve resiliency and optimize the physical location of stored data.

Features and Content Contained in this Release

The COS Release 3.14.6 is a maintenance release which contains three bug fixes.

Related Software Products

This COS release is a member of the Cisco Virtualized Video Processing (V2P) product suite. As a managed service of V2P, COS and its content are managed through the V2PC GUI. Under V2PC orchestration, COS works with Cisco and third-party applications to provide complete media processing solutions. See the following documents for additional information:

- *Cisco Virtualized Video Processing Controller Deployment Guide*
- *Cisco Virtualized Video Processing Controller User Guide*
- *Cisco Cloud Object Storage Release 3.14.1 User Guide*
- *COS Rolling Update Service User Guide*

Required Software

This COS release is strictly a maintenance release. With that, there are no new V2PC or CMC RPM images for the 3.14.6 release. The images and RPMs are the same as the previous 3.14.2 release.

Feature Overview

There are no new features in this maintenance release.

Caveats

Caveats describe unexpected behavior in COS software releases. Severity 1 caveats are the most serious caveats; severity 2 caveats are less serious. Severity 3 caveats are moderate caveats, and only selected severity 3 caveats are included in the caveats document.

Caveat numbers and brief descriptions for Cisco COS Release 3.14.6 releases are listed in this section.

Open Caveats

Open Caveats for Cisco COS Release 3.14.6

[Table 1](#) lists the open issues in the COS 3.14.6 release.

Bug details are displayed in the [Bug Search](#).

Table 1 *Open Caveats in COS 3.14.6 Release*

Bug ID	Description
CSCuv96300	All nodes need to be up and running before a new node can be added
CSCvc01757	Small object garbage collection compaction might leave behind orphan GOID
CSCvc52182	V2PC GUI: GUI may be stuck if click between links too quickly
CSCvc58210	High Cassandra CPU utilization during SWIFT API stress/load testing
CSCvd07284	RUS: rush: show clusters does not display latest info and not in sync with v2pc
CSCve29105	Metadata in CMC node is not cleared after all COS nodes are deleted
CSCvf14624	KDB BUG: soft lockup - stuck for 67s! [swapper:0]
CSCvf27830	[V2PC CMC] cmc-aic-client crashed when its reconnection request exceeds the max number
CSCvf27837	[V2PC CMC] CmcNodeServiceDown alarm raised but all services are up
CSCvf28343	Log partition monitor: CMC fault status is incorrect
CSCvf28381	Log partition monitor: COS fault status is incorrect
CSCvf28928	V2PC still displays old COS version after all nodes are updated to newer version by RUS
CSCvf29550	COS Lock Manager is affected when the management server goes down

Table 1 Open Caveats in COS 3.14.6 Release (continued)

Bug ID	Description
CSCvf35251	KDB Kernel panic - not syncing: Attempted to kill init!
CSCvf43155	BulkDelete deletes all indices without specifying individual indices or using ":all"
CSCvf50123	Memory leaking after half day's longevity

Resolved Caveats

Resolved Caveats for Cisco COS Release 3.14.6

Table 2 lists the fixed issues in the COS 3.14.6 release.

Bug details are displayed in the [Bug Search](#).

Table 2 Resolved Caveats in COS 3.14.6 Release

Bug ID	Description
CSCvh68731	cserver has a limit of 2048 for total IP destinations.
CSCvh72211	COS driver cdd_sys is initializing a work structure while it is queued to run.
CSCvg10689	Goliath: local smoothing stuck with SOGC running when disk IO is high.

Accessing Bug Search Tool

This section explains how to use the Bug Search tool to search for a specific bug or to search for all bugs in a release.

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- Step 1** Go to <https://tools.cisco.com/bugsearch/>.
- Step 2** At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**. The Bug Search page opens.



Note If you do not have a Cisco.com username and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.

- Step 3** To search for a specific bug, enter the bug ID in the Search For field, and press **Enter**.
- Step 4** To search for bugs in the current release, specify the following criteria:
- Select the **Model/SW Family** Product Category drop-down list box, then enter **Cisco Videoscape Distribution Suite for Television** or select the name from the **Select from list** option.
 - Select **Cisco Videoscape Distribution Suite for Television** from the list that displays.
 - The **Cloud Object Store** type displays in the Software Type drop-down list box.
 - Releases: 3.14.6.

- **Advanced Filter Options**—Define custom criteria for an advanced search by selecting an appropriate value from the drop-down lists by choosing either one Filter or multiple filters from the available categories. After each selection, the results page will automatically load below the filters pane. If you select multiple filters, it behaves like an AND condition.
 - **Modified Date**—Select one of these options to filter bugs: **Last Week**, **Last 30 days**, **Last 6 months**, **Last year**, or **All**.
 - **Status**—Select **Fixed**, **Open**, **Other**, or **Terminated**.
 - Select **Fixed** to view fixed bugs. To filter fixed bugs, uncheck the Fixed check box and select the appropriate suboption (Resolved or Verified) that appears below the Fixed check box.
 - Select **Open** to view all open bugs. To filter the open bugs, uncheck the Open check box and select the appropriate suboptions that appear below the Open check box.
 - Select **Other** to view any bugs that are duplicates of another bug.
 - Select **Terminated** to view terminated bugs. To filter terminated bugs, uncheck the Terminated check box and select the appropriate suboption (Closed, Junked, or Unreproducible) that appears below the Terminated check box. Select multiple options as required.
 - **Severity**—Select the severity level:
 - 1: Catastrophic.
 - 2: Severe
 - 3: Moderate
 - 4: Minor
 - 5: Cosmetic
 - 6: Enhancement
 - **Rating**—Select the bug’s quality rating: **5 Stars** (excellent), **4 or more Stars** (good), **3 or more Stars** (medium), **2 or more Stars** (moderate), **1 or more Stars** (poor), or **No Stars**.
 - **Support Cases**—Select whether the bug **Has Support Cases** or **No Support Cases**.
 - **Bug Type**—Select whether the bug is **Employee Visible & Customer Visible** or **Customer Visible Only**.

Step 5 The Bug Toolkit displays the list of bugs based on the specified search criteria.

Step 6 You can save or email the current search by clicking their respective option.

If you have any problems using the Bug Search tool, log into the Technical Support website at <http://www.cisco.com/cisco/web/support/index.html> or contact the Cisco Technical Assistance Center (TAC).

Related Documentation

Refer to the following documents for additional information about this COS release:

- *Cisco Cloud Object Storage Release 3.14.1 User Guide*
- *Cisco Cloud Object Storage Release 3.14.1 API Guide*
- *Cisco Cloud Object Storage Release 3.14.1 Troubleshooting Guide*
- *Open Source Used in COS 3.14.1*
- *Cisco COS Rolling Update Service User Guide*

The entire COS software documentation suite is available on Cisco.com at:

<http://www.cisco.com/c/en/us/support/video/cloud-object-storage/tsd-products-support-series-home.html>

Obtain Documentation and Submit a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*.

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.

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