



Release Notes for COS 3.22.3 Maintenance Release

First Published: September 17, 2018

Last Updated: September 24, 2018

These release notes describes the caveats and other issues resolved in this release. For a list of caveats that apply to COS Release 3.22.3, see [Caveats, page 3](#).



Note

The software contained within this release is compatible with the 3.22.1 release. Also, in this release the version of V2PC has been validated with COS 3.22.3 and can be found at the following location.

<https://software.cisco.com/download/home/286284263/type/286306271/release/3.22.1>

Contents

The following information is in the release notes:

- [Introduction, page 2](#)
- [Required Software, page 2](#)
- [Caveats, page 3](#)
- [Related Documentation, page 5](#)
- [Obtain Documentation and Submit a Service Request, page 5](#)



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.

New Features, Enhancements, and Configuration Considerations

Within this release the following items are new or enhanced features, or configurations considerations when using COS. Refer to the COS Users guide for additional information.

- Surge Mode - surge mode is now supported within the GUI.
- Database Backup - in order to prepare for disaster recovery, use DataStax Ops Center to run a full backup of Cassandra daily.
- Transaction Log Replay - when performing a restore after a disaster, cosd running in transaction mode should be run on one node per RG, at a time.

Related Software Products

COS 3.22.3 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 3.22.1 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 this release. The images and RPMs are the same as the previous 3.22.1 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 3.22.3 releases are listed in this section.

Open Caveats

Open Caveats for Cisco COS Release 3.22.3

There are no open caveats in this release.

Resolved Caveats

Resolved Caveats for Cisco COS Release 3.22.3

[Table 1](#) lists the fixed issues in the COS 3.22.3 release.

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

Table 1 *Resolved Caveats in COS 3.22.3 Release*

Bug ID	Description
CSCvm41133	COSD journal restore runs into errors due to overwhelming large bursts from Cassandra.
CSCvm45253	Code used to select Stripe Manager chooses wrong server.

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.

-
- 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: 3.22.3.
 - 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 COS 3.22.3:

- *Cisco Cloud Object Storage User Guide*
- *Cisco Cloud Object Storage API Guide*
- *Cisco Cloud Object Storage Release Troubleshooting Guide*
- *Open Source Used in COS 3.22.3*
- *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.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

This product contains watermarking technology that is licensed from Verimatrix, Inc., and such functionality should not be used or distributed further by you without any additional license(s) required from Verimatrix, Inc.

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2018 Cisco Systems, Inc. All rights reserved.