



Release Notes for *Cisco Videoscape Distribution Suite Transparent Caching Analytics Release 2.5.0*

February 2016

These release notes describe the new features and caveats of the Cisco Videoscape Distribution Suite Transparent Caching Analytics Release 2.5.0.

For a list of open caveats that are pertinent to this release, see the “[Caveats](#)” section.

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Introduction

The Cisco Videoscape Distribution Suite Transparent Caching (VDS TC) Analytics solution focuses on providing detailed reports, graphs, and metrics that detail the reduction in costs and improved quality of the user experience that a VDS TC solution provides in delivering unmanaged Internet-based content, including Internet video, file sharing, software distribution, and mobile application downloads. VDS TC Analytics provides centralized intelligence by integrating with the VDS TC Integrated Cache Servers and VDS TC Managers in the Operator's network to provide detailed analytics of the VDS TC solution.



Features

Cisco VDS TC Analytics is a centralized reporting tool that is designed to gather key performance indicators from VDS TC Integrated Cache Servers and VDS TC Managers that are deployed in the Operator’s network. Cisco VDS TC Analytics provides visibility into network performance, subscriber trends, and cache content. This business intelligence engine leverages industry leading technology for the monitoring, reporting, and analysis of key performance indicators (KPI) with unique insight from the Cisco VDS TC intelligent cache engines.

Cisco VDS TC Analytics provides analysis and report packages for all levels of the organization in a variety of displays. Network engineers obtain the details that are required for managing and expanding their networks. Executives can draw summaries based on media trends and subscriber patterns, and marketing can gain insight that is necessary to develop new products and services. Information is presented as web page dashboards for quick information retrieval, or in PDF and HTML formats.

The Cisco VDS TC Analytics solution provides insight for service providers to:

- Lower core and edge network bandwidth
- Manage infrastructure costs for over-the-top (OTT) content in a cost-efficient manner
- Improve subscriber quality of experience (QoE) for popular content
- Deploy OTT caching without impacting the client or origin CDN, or application behavior



Note

Cisco VDS TC Analytics Release 2.5.0 integrates with VDS TC Release 5.7.3 and is compatible with previous versions of VDS TC.

System Requirements

Cisco VDS TC Analytics is optimized for use on the Cisco Unified Computing Systems (UCSs), such as the Cisco UCS C240 Rack Server.

Product	Hardware
VDS TC Analytics Server	Cisco UCS C240 Rack Mount Server with the following: <ul style="list-style-type: none"> • 2 x 2.40 GHz E5-2665, 115W 8C, 20 MB Cache, DDR3 1600 MHz • 48 GB DDR3-1333-MHz RDIMM, PC3-10600, 2R, 1.35v • 2 x 300 GB 6 GB SAS 10K RPM SFF HDD, hot plug, drive sled mounted • 22 x 900 GB 6 GB SAS 10K RPM SFF HDD, hot plug, drive sled mounted

Caveats

Open Caveats

- **CSCun31086: Analytics does not work properly when using Internet Explorer 10**
 - **Symptom:** Analytics does not function properly when using Internet Explorer 10; many pop-up error windows appear.
 - **Workaround:** Use another browser such as Chrome or Firefox.
- **CSCui89642: Analytics: cannot login after power failed/back up**
 - **Symptom:** Analytics: Sometimes the user cannot login after power failed/back up in a short interval.
 - **Workaround:** Wait for several minutes, Oracle DB should recover automatically. If the Oracle DB does not recover automatically, perform the following steps:
 - Step 1** Use SSH to connect to the VDS TC Analytics server. Log in using the user name **admin** and the password provided by Cisco.
 - Step 2** Enter the command **cd /opt/vertica/bin.**
 - Step 3** Enter the command **./adminTools.** The Vertica Analytics Database Administration Tools window appears.
 - Step 4** Choose **3 Start Database** and then choose **OK.**
 - Step 5** Choose the database to start and choose **OK.** If asked to enter a database password, just press **Enter.**
 - Step 6** When you see the message “Database Startup Successful”, choose **OK.**
 - Step 7** Choose **9 Exit** to exit the Administration Tools window.

Resolved Caveats

This section contains the resolved caveats in Cisco VDS TC Analytics Release 2.5.0. Not all resolved issues are mentioned here. The following list highlights resolved caveats associated with customer deployment scenarios:

- **CSCun52645: Display issue: Analytics upgrade procedure never completes in the GUI**
When the VDS-TC Analytics software is updated (see the installation guide for more details), the software upgrade procedure does not display a completion message and does not appear to end - although it does successfully complete the upgrade.
- **CSCun94114: OBIEE failure: Invalid state identifier**
An Invalid state identifier error is displayed in the VDS TC Analytics User Interface.

Related Documentation

Software Documents

Refer to the following documents for additional information about Cisco VDS TC 5.7.3 and Cisco VDS TC Analytics 2.5.0.

Document	URL
<i>Cisco Videoscape Distribution Suite Transparent Caching Software Blade Server Cluster Installation Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/v5_7_3/VDS-TC_5_7_3_BladeSrvr_swInstallGuide.pdf
<i>Cisco Videoscape Distribution Suite Transparent Caching Software C-Series Cluster Installation Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/v5_7_3/VDS-TC_5_7_3_CSeries_swInstallGuide.pdf
<i>Cisco Videoscape Distribution Suite Transparent Caching Software Integrated Appliance Installation Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/v5_7_3/VDS-TC_5_7_3_1s_swInstallGuide.pdf
<i>Cisco Videoscape Distribution Suite Transparent Caching Manager User Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/v5_7_3/VDS-TC_5_7_3_mgr_user_guide.pdf
<i>Cisco Videoscape Distribution Suite Transparent Caching Analytics Software Installation Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/Analytics_v_2_5_0/VDSTC_analytics_2_5_0_InstallGuide.pdf
<i>Cisco Videoscape Distribution Suite Transparent Caching Analytics User Guide</i>	http://www.cisco.com/c/dam/en/us/td/docs/video/videoscape/distribution_suite/vds/Analytics_v_2_5_0/VDSTC_analytics_2_5_0_user_guide.pdf

The entire VDS TC software documentation suite is available on Cisco.com at:
http://www.cisco.com/en/US/products/ps12654/tsd_products_support_series_home.html

Obtaining Documentation and Submitting 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* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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