



Cisco Videoscape Control Suite 2.5 Release Note

Introduction

This release note provides information for Cisco® Videoscape™ Control Suite.

Release Details

This section lists component version numbers and other details verified for this release.

Release Type:	Official Minor Release
Release Version:	VCS 2.5
Hardware Platform:	Minimum hardware configuration supported: <ul style="list-style-type: none">■ 96 GB RAM■ 2 Processors (CPUs) (X5680 or faster)■ 2 x 500 GB hard drives For more information, see Hardware Requirements .
Virtual Machine Platform:	VMWare ESXi5.0
OS Name:	Videoscape-OS (VS-OS)
OS Version:	2.5
Management Console Version:	CMC 2.5
High Availability (HA) Configuration:	1:1 Active/Standby
Data Storage:	SQL DB (PostgreSQL 9.1/ Oracle 11g) Couchbase 2.5
Message Infrastructure:	MsgInfra (XCP-XMPP) 2.5

Supported Services:	Alert Manager (AM) BSS/OSS Adapter (BOA) Companion Device Management Service DeviceProfileServices (DPS) Endpoint Manager (EPM) Explorer Control Service (ECS) GeoFilter Service Headend Purchase (HEP) HornetQ HTTP Gateway Service Location Services (LCS) Operator Messaging Service (OMS) PPS Simple Authentication and Security Layer (SASL) SchedulerAgent SchedulerServices Session Resource Manager (SRM) 2.5 Target Messaging System (TMS) User Profile Manager (UPM) User Profile Manager Adaptor (UPMCDA) Workflow Engine (WFE)
Deprecated Services:	Client Directory (CD) 2.1
Supported browsers:	<ul style="list-style-type: none">■ Internet Explorer 9 (IE8 compatibility mode)■ Mozilla FireFox 5

Hardware Requirements

VCS software version 2.5 has been tested on the following hardware platforms:

- UCS C-Series:
 - C200 (M2)
 - C210 (M2)
 - C220 (M3)
 - C240 (M3)
- UCS B-Series:
 - B200 (M2)
 - B200 (M3)

Installation

See the following publication for installation information for this release:

Getting Started Guide for Videoscape Control Suite (OL-27702)

Document Version

This is the first formal release of this document.

Videoscape Control Suite Software

Cisco VCS software provides service providers with multi-platform device and service management capabilities. VCS is standards-based, extensible, and provides real-time, cross-platform capabilities previously unavailable in video environments. VCS provides asynchronous real-time messaging and presence awareness for clients, such as set-tops, Apple iOS devices, Android devices, and PCs, from the cloud.

VCS also provides a comprehensive set of tools and software development kits (SDKs) for service development and integration. In addition, VCS provides a comprehensive management console and supports running in a virtual machine (VM) on the Cisco Unified Computing System (UCS).

New Features and Benefits

VCS software version 2.5 provides the following new features and benefits.

For details on any of the features listed in this release note, visit www.cisco.com and search for "Videoscape Control Suite" to find white papers and data sheets, or, contact your account representative.

- **DeviceProfileServices.** DPS provides interface to different services that require the device profiles for their different functionalities. It provides the service level asset bundle definition which can be based on devices/players, asset quality, encryption, fallback policy and encoding details for those devices.
- **Explorer Control Suite.** ECS is a collection of Conductor XMPP-managed services that centrally manage broadband controllers.
- **Headend Purchase (HEP).** The HEP Server publishes a HEP API to the client application, enabling the device to obtain purchase options. The HEP Server obtains authorization to render the content associated with an offer on all devices in a household.
- **HornetQ.** This server is an open source messaging server using to deliver messages between CAB Headend components.
- **Location Services.** This function identifies subscriber locality and maps it to application-specific topology profile identifiers.
- **Personal Planner Server (PPS)**
- **Target Messaging System (TMS).** The Targeted Messaging System synchronizes the UPM configuration with the cache in the STB. This ensures that any change made to the headend user profile is immediately updated in the STB.
- **User Profile Manager.** UPM is a CA independent data storage system which allows high performance management of the users' personal information for TV systems.

Release History

The following features were introduced in previous versions of VCS software and are carried forward in VCS software version 2.5 unless noted otherwise.

VCS Client SDKs

VCS provides software development kits (SDKs) for the VCS client and services.

VCS Services and Applications

VCS provides the following services and applications for the Videoscape platform.

Services and Applications	2.0	2.1	2.5
Alert Manager (AM)	X		
BSS/OSS Adapter (BOA)		X	
Client Directory (CD)		X	(Deprecated)
Companion Device Management Service		X	
DeviceProfileServices (DPS)			X
Endpoint Manager (EPM)	X		
Explorer Control Service (ECS)			X
GeoFilter Service	X		
Headend Purchase (HEP)			X
HornetQ			X
HTTP Gateway Service		X	
Location Services (LCS)			X
Operator Messaging Service (OMS)		X	
Personal Planner Server (PPS)			X
SASL Service	X		
SchedulerAgent			X
SchedulerServices			X
Session Resource Manager (SRM)	X		
Target Messaging System (TMS)			X
User Profile Manager (UPM)			X
User Profile Manager Adaptor (UPMCDA)			X
Workflow Engine (WFE)	X		

Known Issues

This section provides a list of open CDETS defect IDs that were identified during testing of VCS 2.5. Resolution of these defects is in progress.

This list is not intended to be comprehensive. If you have questions about a particular defect, contact your account representative.

Notes:

- Defects are identified by a case tracking number (Defect ID) and a headline that briefly identifies the case.
- The headlines in this section are presented exactly as they appear in the issue tracking system.

Defect ID	Headline
CSCuf71196	Int:UPM can't work if oracle RAC is A-S mode
CSCuf83448	CMC: WFE UI component load failed after couchbase UI get uninstalled
CSCuf65475	RBAC: WFE user group can't be edit after upgrade
CSCuf56579	MHA:CMC may fail to start if active node crash during standby node start
CSCuf56361	MHA:all data may lose after network to both mgmt nodes recover
CSCuf60792	mcast_group is not cleaned when deleting mcast node
CSCuf35908	Jabberd:Jabberd core during jload3 test on nightly build
CSCue39463	Compare with R2.1's test result , UPM's performance is very poor

Bug Toolkit

The Bug Toolkit is an online tool that allows registered users to search for bugs by release or by a bug number.

Log On to the Bug Toolkit

Follow these instructions to log on to the Bug Toolkit. After you have logged on, you can search for all bugs in this release, search for a specific bug or search, for bugs using specific criteria.

- 1 Go to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.
- 2 When prompted, log on with your user name and password. The Bug Toolkit page opens.

Note: If you have not set up an account on Cisco.com, click **Register Now** and follow the on-screen instructions to register.

Search for All Bugs in This Release

- 1 To search for all the bugs in this release, enter the following search criteria in the **Search Bugs** tab:
 - Select Product Category: Select **Video and Content Delivery**.
 - Select Products: Select **Videoscape Control Suite**.
 - Software Version: Select the desired software version number.
- 2 Click **Search**. The Bug Toolkit displays the list of bugs for this release.

Search for a Specific Bug

- 1 In the **Search for Bug ID** field, enter the ID of the bug you want to view and click **Go**.
- 2 The Bug Toolkit displays information about the bug in the **Search Bugs** tab.

Search for Bugs Using Specific Criteria

- 1 To search for all the bugs in this release, enter the following search criteria in the **Search Bugs** tab:
 - Select Product Category: Select **Video and Content Delivery**.
 - Select Products: Select **Videoscape Control Suite**.
 - Software Version: Select the desired software version number.
 - Select Version Type: Select one of the following options:
 - **Known Affected Version (KAV):** the software version/release assumed to contain this bug
 - **Fixed-in:** the software version/release in which the bug has been fixed

- **Found-in:** the software version/release in which the bug was first reported
 - Search for Keyword(s): Enter desired key words in this field. Separate search phrases with Boolean expressions (**AND**, **NOT**, **OR**) to search within the bug title and details.
 - Advanced Options: You can perform a search using the default search criteria, or define custom criteria for an advanced search. To customize the advanced search, select **Use custom settings for severity, status, and others** and provide the following information:
 - Severity – Select the severity level.
 - Status – Select any combination of **Terminated**, **Open**, or **Fixed**.
 - Select **Terminated** to view terminated bugs. To filter terminated bugs, clear the Terminated check box and select the appropriate sub-options that appear below the terminated check box. The sub-options are **Closed**, **Junked**, and **Unreproducible**.
 - Select **Open** to view all the open bugs. To filter the open bugs, clear the Open check box and select the appropriate sub-options that appear below the Open check box. The sub-options are **Assigned**, **Forwarded**, **Held**, **Information Required**, **More**, **New**, **Open**, **Postponed**, **Submitted**, and **Waiting**. Select multiple sub-options as required.
 - Select **Fixed** to view fixed bugs. To filter fixed bugs, clear the Fixed check box and select the appropriate sub-options that appear below the fixed check box. The sub-options are **Resolved** and **Verified**.
 - Advanced – Select the **Show only bugs containing bug details** check box to view only those bugs that contain detailed information, such as symptoms and workarounds.
 - Modified Date – Select this option if you want to filter bugs by the date they were last modified.
 - Results Displayed Per Page – Select the appropriate option from the list to restrict the number of results that appear per page
- 2 Click **Search**. The Bug Toolkit displays the list of bugs for this release.

For Information

If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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