



Release Notes for Cisco StadiumVision Mobile Release 1.3

First Published: 10/31/13

[Table 1](#) lists the First Customer Ship (FCS) software build information for Cisco StadiumVision Mobile. [Table 2](#) lists the document revision history.

Table 1 *Cisco StadiumVision Mobile FCS Software Build Information*

Component	Release	FCS Build	Service Pack 1 Build
Cisco StadiumVision Mobile Reporter	1.3	382	386
Cisco StadiumVision Mobile Streamer	1.3	241	—
Cisco StadiumVision Mobile SDK	1.3	2697	2809
Cisco StadiumVision Mobile Encoder	1.3	2.1.1.153	—

Table 2 *Document Revision History*

Date	Description
January 6, 2014	<ul style="list-style-type: none"> Added resolved defects for the Cisco StadiumVision Mobile SDK Service Pack 1 (build 2809).
December 19, 2013	<ul style="list-style-type: none"> Added content for Cisco StadiumVision Mobile SDK Release 1.3 SP1 Added defects that were omitted from the FCS 1.3 release notes Added Release 1.3 SP1 defects Added list of mobile devices tested with Cisco StadiumVision Mobile
November 26, 2013	Cisco StadiumVision Mobile Reporter Release 1.3 SP1, which contains a fix for an issue with daylight savings time (DST). Also added revised caveats.
October 31, 2013	FCS release of Cisco StadiumVision Mobile Release 1.3.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Contents

This release note includes the following topics:

- [Introduction, page 2](#)
- [System Requirements for Cisco StadiumVision Mobile Release 1.3, page 2](#)
- [New and Changed Information in Cisco StadiumVision Mobile Release 1.3, page 5](#)
- [Installation Notes, page 8](#)
- [Limitations and Restrictions, page 9](#)
- [Important Notes, page 10](#)
- [Caveats, page 11](#)
- [Installation Requirements for Licensing Compliance, page 17](#)
- [Related Documentation, page 17](#)
- [Obtaining Documentation and Submitting a Service Request, page 17](#)

Introduction

This document provides information about Cisco StadiumVision Mobile Release 1.3. It includes hardware and software requirements, new and changed features, installation and upgrade information, known issues, and defects.

This document is for Cisco StadiumVision Mobile system administrators and Cisco technical field engineers who are responsible for designing and deploying the Cisco StadiumVision Mobile solution. Readers of this document should be familiar with basic IP networking, mobile, and Wi-Fi technology, and the Cisco StadiumVision Mobile solution.

System Requirements for Cisco StadiumVision Mobile Release 1.3

This section describes the hardware and software supported by the Cisco StadiumVision solution for Cisco StadiumVision Mobile Release 1.3. It includes the following topics:

- [Cisco StadiumVision Mobile Requirements, page 3](#)
- [Cisco Connected Stadium Configuration Requirements, page 3](#)
- [Cisco Connected Stadium Wi-Fi Requirements, page 3](#)
- [Browser and Flash Player support for Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer, page 3](#)
- [Cisco StadiumVision Mobile Server Support, page 5](#)
- [Installation and Upgrade Files, page 8](#)
- [If you are receiving a Cisco StadiumVision Mobile server for the first time, page 8](#)
- [Recommended Web Browser, page 9](#)
- [Elemental Encoder Setup, page 9](#)
- [Confirming the CIMC Firmware Version, page 9](#)
- [Cisco StadiumVision Mobile Reporter, page 12](#)

Cisco StadiumVision Mobile Requirements

Table 3 lists the components of the Cisco StadiumVision Mobile solution.

Table 3 Cisco StadiumVision Mobile Components

Component	Function
Cisco Connected Stadium Wi-Fi	Provides scalable, high density Wi-Fi coverage within a venue.
Cisco StadiumVision Mobile Encoder (Elemental)	Provides encoding of in-house and commercial broadcast feeds for streaming to mobile devices. Feeds can be HD-SDI or IP multicast.
Cisco StadiumVision Mobile Streamer	Responsible for aggregating and protecting video and data streams for reliable delivery over the Wi-Fi network.
Cisco StadiumVision Mobile Reporter	Collects mobile device statistics covering network performance, Quality of Experience (QoE), and session information. Aids in tuning and troubleshooting the Wi-Fi network and identifying popular content.
Client Software Developer Kit (SDK)	Abstracts complexity of discovering, recovering and playing streaming video. Includes a rich set of tools to enable third party developers to quickly create and test applications.

Cisco Connected Stadium Configuration Requirements

The Cisco Connected Stadium solution must be configured to support Cisco StadiumVision Mobile, including:

- Routing to explicitly permit Cisco StadiumVision Mobile announcements over multicast, Cisco StadiumVision Mobile video sessions and Cisco StadiumVision Mobile data sessions.
- Rendezvous Points (RPs) to enable the delivery of Cisco StadiumVision Mobile multicast streams to Wi-Fi endpoints.
- Access Control Lists (ACLs) to limit the propagation of unwanted (e.g., IPv6) and client-generated multicast streams.

Cisco Connected Stadium Wi-Fi Requirements

Cisco StadiumVision Mobile requires a Connected Stadium Wi-Fi network for transport. Please visit www.cisco.com/go/sports for additional information.

Browser and Flash Player support for Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer

You can use an Apple Mac, Microsoft Windows PC, or an Apple iPad to access the Cisco StadiumVision Mobile Streamer configuration and Cisco StadiumVision Mobile Reporter marketing and support data. The StadiumVision Reporter configuration Text User Interface (TUI) can be accessed by any SSH client, or by physical console access. Table 3 describes the method of access.

Table 4 Cisco StadiumVision Mobile Component Access Methods

Cisco StadiumVision Mobile Component	Access method	Type of data
Cisco StadiumVision Mobile Reporter	TUI - console access, SSH client	Configuration
Cisco StadiumVision Mobile Reporter	GUI - browser	Marketing and support
Cisco StadiumVision Mobile Streamer	GUI - browser	Configuration
Cisco StadiumVision Mobile Streamer	TUI - console access, SSH client	Configuration

Browser Support

Table 5 describes the browser software versions that have been tested with Cisco StadiumVision Mobile Release 1.3.

Table 6 describes the Adobe Flash software that has been tested for use with Cisco StadiumVision Mobile C220 servers. Cisco Integrated Management Controller (CIMC) is used for management/monitoring of C220 servers, and Adobe Flash is required for CIMC.



Note

Unless specifically identified as unsupported, other browser versions might work, but their compatibility with Cisco StadiumVision Mobile cannot be assured.

Table 5 Tested Browser Software

PC or Laptop OS	Browser Version ¹
Apple Mac OS X	<ul style="list-style-type: none"> Google Chrome Version 24.0 Mozilla FireFox Version 18.0.1
Microsoft Windows (Windows 7)	<ul style="list-style-type: none"> Google Chrome Version 24.0 Microsoft Internet Explorer Version 9 Mozilla FireFox Version 18.0.1

1. No additional browser software is tested other than what is listed in this table (for example, not Apple Safari). However, other browser software might work.

Flash Support

To remotely access the Cisco Integrated Management Controller (CIMC) on a Cisco UCS C220 server for the software installation, your computer must meet the minimum browser and Flash player requirements for Cisco StadiumVision Mobile, and also have Java 1.6 or later installed.

Table 6 Tested Flash Player Software Support (Required Only for CIMC)

PC or Laptop OS	Flash Player (Required Only for CIMC)
Apple Mac OS X	Adobe Flash Player Version 11.5.502.146
Microsoft Windows (Windows 7)	Adobe Flash Player Version 11.5.502.146

Cisco StadiumVision Mobile Server Support

Table 7 describes the Cisco StadiumVision Mobile server hardware and software supported in Cisco StadiumVision Mobile Release 1.3.

Table 7 Supported Cisco StadiumVision Mobile Hardware and Software

Description	Hardware Product ID	Software Version	Tested CIMC/BIOS Firmware
Cisco StadiumVision Mobile Streamer (Cisco UCS C220)	SV-M-STREAMER-K9	Cisco StadiumVision Mobile Release 1.3	Cisco CIMC firmware 1.5(1) ¹
Cisco StadiumVision Mobile Reporter (Cisco UCS C220)	SV-M-REPORTER-K9	Cisco StadiumVision Mobile Release 1.3	Cisco CIMC firmware 1.5(1) ¹
Cisco StadiumVision Mobile Streamer (Cisco UCS C200)	SV-M-STREAMER (End of Sale)	Cisco StadiumVision Mobile Release 1.3	N/A
Cisco StadiumVision Mobile Reporter (Cisco UCS C200)	SV-M-REPORTER (End of Sale)	Cisco StadiumVision Mobile Release 1.3	N/A

1. This is the minimum tested CIMC firmware version for Cisco StadiumVision Mobile Release 1.3, however, previously tested firmware versions continue to be supported. For Cisco StadiumVision Mobile Release 1.2, the CIMC firmware version 1.4(6d) is the tested firmware version.



Note

For more information about verifying and upgrading the Cisco UCS Server firmware, see the [Confirming the CIMC Firmware Version, page 9](#).

New and Changed Information in Cisco StadiumVision Mobile Release 1.3

This section describes new features, enhancements and changes in support or behavior in Cisco StadiumVision Mobile Release 1.3. It includes the following sections:

- [Cisco StadiumVision Mobile SDK, page 6](#)
- [Cisco StadiumVision Mobile Streamer, page 6](#)
- [Cisco StadiumVision Mobile Reporter, page 7](#)
- [Cisco StadiumVision Mobile Encoder, page 7](#)
- [Installation Notes, page 8](#)
- [Limitations and Restrictions, page 9](#)

Cisco StadiumVision Mobile SDK

This section summarizes the new features in Cisco StadiumVision Mobile SDK Release 1.3.

- Cisco StadiumVision Mobile Release 1.3 introduces conditional playback, a feature that detects video quality and determines whether or not to stream video to mobile devices. Please contact your Cisco representative for information on configuring conditional playback.
- Streamer & Client Triplet Authentication. Client communicates periodically with the Cisco StadiumVision Mobile Streamer to validate the triplet. If the triplets do not match, it will be stopping the video in Release 1.3.

SDK API Enhancements

- Notifies app when significant events occur
- Enables playing background audio
- Set and get the SDK configuration at run-time

SDK Metrics sent to Cisco StadiumVision Mobile Reporter

- Lost streamer announcements
- Failed Cisco StadiumVision Mobile Reporter uploads
- Client app ID and version

Mobile Operating System Support

- Added and removed support for various mobile operating system versions, as listed in [Table 8](#).

Table 8 **Mobile OS Support**

OS Release	Apple iOS			Google Android					
	5.x	6.x	7.x	2.3	4.0	4.1	4.2	4.3	4.4
Cisco StadiumVision Mobile SDK Release 1.2	Yes	Yes	No	Yes	Yes	Yes	Yes	No	No
Cisco StadiumVision Mobile SDK Release 1.3	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Note

The Cisco StadiumVision Mobile SDK is made available by special agreement. Contact your Cisco Systems representative for more information.

Cisco StadiumVision Mobile Streamer

Cisco StadiumVision Mobile Release 1.3 introduces the following new features and enhancements on the Cisco StadiumVision Mobile Streamer:

- A Text Utility Interface (TUI) to allow management of the Cisco StadiumVision Mobile Streamer.
- TUI ISO upgrade capability.
- Streamer input quality monitoring.
- Parameter checking of output from the Cisco StadiumVision Mobile video encoder, which is now also used with the new quality monitoring feature. The following video statistics were added to the UI:

- Transport Stream Discontinuities Detected
- Malformed Video Packets
- Malformed Packets Received

Cisco StadiumVision Mobile Reporter

Cisco StadiumVision Mobile Release 1.3 introduces the following new features and enhancements on the Cisco StadiumVision Mobile Reporter:

- New event scorecard with quality and uptake score reports
- New reports available for data export into a .csv file (availability conditional on configuration)
 - Performance timeline
 - AP Performance
 - Client Sessions
 - Unique clients
 - Client device demographics
 - Client OS demographics
 - Client App Versions
 - SDK Versions
 - Streamer Input Quality
 - Concurrent SVM Clients
 - Concurrent WiFi clients
 - Concurrent Video Viewers
 - Reporter Server Statistics
- New TUI option for Specific Report Control
- New system state report
- UI enhancements
- Integration with Prime Infrastructure (PI) 1.3

Cisco StadiumVision Mobile Encoder

In Cisco StadiumVision Mobile Release 1.3, the Cisco StadiumVision Mobile Encoder (Elemental) includes the following features:

- Ships with the Cisco certified encoder image 2.1.1.153
- New Cisco event config file
- New “Low Latency Mode” setting
- New “Use Buffer Model” selection



Note Cisco StadiumVision Mobile uses a special Elemental software release. Do not upgrade the software with every new Elemental release. The Cisco StadiumVision Mobile release has a low latency feature (relative to the standard Elemental release) and Cisco StadiumVision Mobile presets.

Installation Notes

This section includes the following installation information:

- [Installation and Upgrade Files, page 8](#)
- [If you are receiving a Cisco StadiumVision Mobile server for the first time, page 8](#)
- [Recommended Web Browser, page 9](#)
- [Elemental Encoder Setup, page 9](#)

Installation and Upgrade Files

Cisco StadiumVision Mobile software is available in different types of files based on the installation or upgrade environment, as shown in [Table 8](#) and [Table 9](#).

Table 9 Cisco StadiumVision Mobile—Fresh Installation

Product	Platform	File to Use	Media
Cisco StadiumVision Mobile Streamer	Cisco UCS C200	Full ISO	DVD
	Cisco UCS C220		CIMC remote mount
Cisco StadiumVision Mobile Reporter	Cisco UCS C200	Full ISO	DVD
	Cisco UCS C220		CIMC remote mount

If you are receiving a Cisco StadiumVision Mobile server for the first time

Table 10 Cisco StadiumVision Mobile—Upgrade

Product	Platform	File to Use	Initiate Upload
Cisco StadiumVision Mobile Streamer	Cisco UCS C200	Upgrade ISO	Browser ¹
	Cisco UCS C220		
Cisco StadiumVision Mobile Reporter	Cisco UCS C200	Upgrade ISO	Browser ¹
	Cisco UCS C220		

1. For upgrade instructions using the web browser UI and TUI, see the “[Upgrading Cisco StadiumVision Mobile Software](#)” module in the *Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer Installation and Upgrade Guide*.

A fresh installation should be performed only if the pre-installed version number is lower than the following versions:

- Cisco StadiumVision Mobile Streamer: 1.3.0-241.x86_64.iso
- Cisco StadiumVision Mobile Reporter: 1.3.0-386.x86_64.iso

Recommended Web Browser

See the [“Browser and Flash Player support for Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer”](#) section on page 3.

Elemental Encoder Setup

The Elemental Technologies encoder ships with Cisco StadiumVision Mobile presets. For the initial setup, the Elemental encoder will need to have the IP address set, as well as have the firewall disabled. Refer to the *Elemental Live User Guide* that ships with the encoder for installation and configuration procedures. Also see the *Cisco StadiumVision Mobile Design and Implementation Guide* that is available through your Cisco Systems sales representative.

Confirming the CIMC Firmware Version

When installing Cisco StadiumVision Mobile on a Cisco UCS C220 server, refer to “Appendix A: CIMC Configuration and Firmware Upgrade Guidelines on the Cisco UCS C220 Server” in the *Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer Installation and Upgrade Guide* to verify the CIMC firmware version prior to installation.

Limitations and Restrictions

Be aware of the following limitations and restrictions in Cisco StadiumVision Mobile Release 1.3:

Cisco StadiumVision Mobile Reporter

- When entering event names into the event spreadsheet on the Cisco StadiumVision Mobile Reporter, if special characters (\ , \$, %) are used in the event names, the menu item representing the event being viewed is NOT highlighted.
- Upgrading to Cisco StadiumVision Mobile Reporter Release 1.3 from Cisco StadiumVision Mobile version 1.0, 1.1, or 1.2 is not supported; a fresh installation must be performed.
- The Cisco StadiumVision Mobile Reporter supports a single season only.
- The Cisco StadiumVision Mobile Reporter redundancy can be provided via a warm standby secondary server only. There is no automated failover or redundancy. Also, no automatic data replication occurs between the primary and secondary reporters.
- If the Prime Infrastructure (PI) is unconfigured, the **svmreporter** service must be restarted. See the “Services Control” section in the *Cisco StadiumVision Mobile Reporter Administration Guide* (Release 1.3) for details.
- When Prime Infrastructure (PI) is not configured, the following reports are affected:
 - SVM Wifi Client will show zero (0) for all the values
 - The Uptake Scorecard will not display anything
- The event name, start and end date should **not** be changed once an event has started. For future events, it is acceptable to change the event name, start and end date.

Cisco StadiumVision Mobile Streamer

- The Cisco StadiumVision Mobile Streamer supports content access control for multiple owners. However, the Cisco StadiumVision Mobile Reporter does not provide reporting on a per content owner basis.

- The Cisco StadiumVision Mobile Streamer redundancy can be provided via a warm standby secondary server only. There is no automated failover or redundancy.

Important Notes

This section includes other important information about the Cisco StadiumVision Mobile solution that you should know for optimal operation, and contains the following sections:

- [Cisco StadiumVision Mobile Encoder, page 10](#)
- [Devices Tested with Cisco StadiumVision Mobile, page 10](#)

Cisco StadiumVision Mobile Encoder

Bypassing the DCM (Digital Content Manager) when using the Cisco StadiumVision Mobile Encoder

When using encoded or IP feeds from Elemental, it is recommended to bypass the DCM in both new and existing Cisco StadiumVision Mobile installations. Failures and freeze frames are being seen when using the Elemental encoder.

If feeds are received from the DCM and then re-encode them, this should not pose an issue as long as the feed does not traverse the DCM again on Elemental output.

Devices Tested with Cisco StadiumVision Mobile

[Table 11](#) lists the devices that have been tested with Cisco StadiumVision Mobile. It also provides the device model number, operating system (OS) version, and overall test result.

Table 11 *Mobile Devices Tested With Cisco StadiumVision Mobile*

Make	Model Number	OS Version	Overall Test Result
Apple Touch iPod 4th gen	N81AP	6.1.2	Passed
Apple Touch iPod 5th gen	N78AP	6.1.3	Passed
Apple Touch iPod 5th gen	N78AP	7.0.4	Passed
Apple iPad mini - 1st gen	P105AP	6.1.1	Passed
Apple iPad mini - 1st gen	P105AP	7.0.4	Passed
Apple iPad - 2nd gen	K93AP	6.1.3	Passed
Apple iPad Retina - 4th gen	P101AP	6.1	Passed
Apple iPhone 4 - CDMA	N92AP	6.1.3	Passed
Apple iPhone 4 - GSM	N90AP	7.0.4	Passed
Apple iPhone 5 - CDMA	N42AP	7.0.4	Passed
Apple iPhone 5S - GSM	N51AP	7.0.2	Passed
Google Nexus 4	Nexus 4	4.3	Failed (No IGMP)—see CSCum10447
Google Nexus 4	Nexus 4	4.4	Failed (No IGMP)—see CSCum10447
Google Nexus 5	Nexus 5	4.4	Failed (No IGMP)—see CSCum10447

Table 11 Mobile Devices Tested With Cisco StadiumVision Mobile (continued)

Make	Model Number	OS Version	Overall Test Result
Google Nexus 7, 1st gen	Nexus 7	4.3	Passed
Google Nexus 7, 2nd gen	Nexus 7	4.4	Passed
Google Galaxy Nexus	Galaxy Nexus	4.1.1	Passed
HTC One	HTC One	4.3	Passed
HTC Evo Design	PH44100	4.0.3	Failed (No IGMP)—see CSCum10447
LG G2	LG-D802	4.2.2	Passed
Samsung Galaxy S	SAMSUNG-SGH-I897	2.2	Passed
Samsung Galaxy S2	GT-I9100	2.3.6	Failed
Samsung Galaxy S2	GT-I9100	2.3.4	Failed—UI freeze
Samsung Galaxy S3	GT-I9300	4.1.2	Passed
Samsung Galaxy S4	GT-I9500	4.2.2	Passed
Samsung Galaxy Note 3	SM-N9005	4.3	Passed
Samsung Player	YP-G70	2.3.5	Passed

Caveats

- [Open Defects in Cisco StadiumVision Mobile Release 1.3 SP1, page 11](#)
- [Open Defects in Cisco StadiumVision Mobile Release 1.3, page 12](#)
- [Resolved Defects in Cisco StadiumVision Mobile Reporter FCS Build 382, page 16](#)
- [Resolved Defects in Cisco StadiumVision Mobile SDK Service Pack 1 Build 2809, page 16](#)

Open Defects in Cisco StadiumVision Mobile Release 1.3 SP1

This section lists the open defects for the Cisco StadiumVision Mobile Release 1.3 SP1.

Cisco StadiumVision Mobile Reporter

CSCu185083—Event name with utf8 character “ü” cannot be selected from Reporter menu

Symptom An event name containing the UTF8 character “ü” cannot be selected from the event list.

Workaround In the event schedule only use numbers (0-9), upper case letters (A-Z) and lower case (a-z) letters from the English alphabet. Do NOT use any special characters like ~!@#\$\$%^&*()_+?><.,/=[\{|}, or any non-English characters.

The following characters have been used successfully in event names: / -

CSCul98610 - In select event menu, events with special characters aren't highlighted

Symptom Events containing special characters like ~!@#%&*()_+?><.,^/ -=[\{|}, are not highlighted.

Workaround In the event schedule only use numbers (0-9), upper case letters (A-Z) and lower case (a-z) letters from the English alphabet. Do NOT use any special characters like ~!@#%&*()_+?><.,^/ -=[\{|}, or any non-English characters.

The following characters have been used successfully in event names: / -

Open Defects in Cisco StadiumVision Mobile Release 1.3

Cisco StadiumVision Mobile Reporter

This section lists the open defects for the Cisco StadiumVision Mobile Reporter Release 1.3.0-386.

CSCui47244—Incorrect value on the Current and Peak Concurrent Video Viewers live chart

Symptom The value of the Current Concurrent Video Viewers inaccurately shows zero when it should be a non-zero value.

Workaround There is no workaround.

CSCuj43581—Viewing time min can be off by a few percent between some reports

Symptom If clients report data within the first or last few minutes of an event, that data can end up being shown in some reports and not in others. Slight discrepancies may exist between the various reports that would not otherwise be seen. “Viewing time min” can be off by a few percent between some reports (Category, ApPerf, Sessions).

Workaround Ensure no client data will be reported in first or last ten minutes of the event.

CSCuj86630—RSSI value is sometimes too low in ApPerf report

Symptom There is an issue with RSSI in the ApPerf report. The RSSI value is too high (and too low in absolute value, it is a number too close to zero) when clients made with the Cisco StadiumVision Mobile SDK Release 1.2 are reporting.

Workaround Update clients using Cisco StadiumVision Mobile SDK Release 1.3.

CSCui60652—Duplicate lines in sessions.csv report when schedule is changed during event

Symptom Lines are duplicated in the sessions.csv report.

Workaround Change the event schedule before or after an event instead of during an event.

CSCul09032—Some displayed times on the Cisco StadiumVision Mobile Reporter UI are wrong after DST ends

Symptom The displayed times on Cisco StadiumVision Mobile Reporter Release 1.3 UI are an hour late after Daylight Savings Time (DST) ends (November 3) and will remain so until DST begins again. The incorrect times are:

1. The popup when hovering mouse cursor over the date in the “Select an Event” drop down menu.
2. The start and end times on the x-axis of “Concurrent SVM Clients” and “Concurrent Wifi Clients”
3. Date in lower right of the live charts.

Unaffected times:

1. The time of the beginning and end of the event in the subtitle of event charts.
2. The times in report.
3. The times in the schedule.
4. The time when events actually begin and end.

Workaround There is no workaround.

CSCul81531—Usernames for PI is saved in lower case when configured through TUI

Symptom While saving the PI configuration using the TUI, the Cisco StadiumVision Mobile Reporter saves the username in all lowercase regardless of the actual case that the username is entered in. Since PI username is case sensitive this will result in the PI user not being able to access the PI API.

Workaround To workaround this issue, use only PI usernames that are in lowercase. Alternatively, if you have SNETAC account access, edit the `/var/svm/etc/piinfo.properties` file and change the username to match the exact case of the username in PI.

Cisco StadiumVision Mobile Streamer

This section lists the open defects for the Cisco StadiumVision Mobile Reporter Release 1.3.0-241.

CSCui33314—Sometimes there are two instances of the Streamer running

Symptom Sometimes two instances of the Cisco StadiumVision Mobile Streamer software can be running.

Workaround To stop both streamer instances, execute the following command:

```
sudo /sbin/service streamer stop
```

CSCuj20869—Corrupted sudoers file after upgrading to Cisco StadiumVision Mobile Streamer Release 1.3

Symptom When upgrading a Cisco StadiumVision Mobile Streamer installation in the following order the sudoers files can get corrupted:

1.1 --> 1.2 --> 1.3

Workaround The issue can be resolved by doing the following:

-
- Step 1** Boot into single user mode.
 - Step 2** Edit the /etc/sudoers file.
 - Step 3** Reboot the server.
-

CSCum10599—Owner/App developer field displays empty field after a streamer fresh install

Symptom When a streamer fresh install is done the field Content Owner/App Developer, in Defaults page, displays empty.

Workaround To workaround this issue, use the following procedure:

-
- Step 1** If sessions have already been created, go ahead and delete them all.
 - Step 2** Navigate to the Defaults Page.
 - Step 3** Select **Content Owner/App Developer** from the drop down menu.
 - Step 4** Click **Apply**. The page will redirect to the home page.
 - Step 5** Click **Save Configuration** button on the home page.
-

CSCuj98495—After a full ISO image installation the streamer needs to be restarted

Symptom After a FULL ISO image installation the expectation is the streamer will be running. However that is not the case and the streamer has to be restarted.

Workaround Restart the Cisco StadiumVision Mobile Streamer Streamer after a FULL ISO image installation.

CSCui58778—Cisco StadiumVision Mobile Streamer should give a proper message when URL is wrong

Symptom A data channel is created with an invalid URL. The Cisco StadiumVision Mobile Streamer reports an error, but does not reveal the problem.

Workaround Ignore the message.

Cisco StadiumVision Mobile SDK

This section lists the open defects for the Cisco StadiumVision Mobile Reporter Release 1.3.0-2697.

CSCuj95126—Customer Application channel list layout on Apple iOS 7 is shifted up on an Apple iPod Touch

Symptom The customer app channel layout on iOS 7 is shifted up. You have to drag the list down to select a channel video to view.

Workaround Try to scroll down the channel list and select a video. It is cumbersome but can be done.

CSCuj31847—When playing video, pressing the home button and then restarting the application brings user to channel list instead of playing the previous video stream

Symptom When the customer application is playing a video and the home button is pressed, the app takes the user back to the channel list rather than continue to play the video.

Workaround When it goes to the channel simply select the video that was being watched.

CSCul03167—SDK reports upload success when the reporter URL is invalid

Symptom When an invalid reporter URL is specified in Streamer/UI the client side reports success of uploading the stats. This is an error.

Workaround Make sure the reporter URL is valid.

CSCui96734—iOS Customer App reports that Cisco StadiumVision Mobile is down even though another session is running

Symptom When there are multiple sessions running and there are packet losses for one of the sessions the app reports that Cisco StadiumVision Mobile is down even though there are other sessions running.

Workaround Ignore the message.

CSCul17815—The installing icon remains on the screen for devices running Apple iOS 7

Symptom When the customer app is installed on a device running Apple iOS 7, the “Installing.” icon does not go away and is stuck. The app functions normally.

Workaround Ignore the icon.

Resolved Defects in Cisco StadiumVision Mobile Reporter FCS Build 382

This section lists the caveats fixed in Cisco StadiumVision Mobile Reporter FCS Build 382.

- **CSCul09032**—Some displayed times on the Cisco StadiumVision Mobile Reporter UI are wrong after DST ends.

Resolved Defects in Cisco StadiumVision Mobile SDK Service Pack 1 Build 2809**CSCul63451—Customer app crashes on a Nexus 5 with Android 4.4**

Symptom The Cisco StadiumVision Mobile app crashes when running on a Nexus 5 with Android 4.4.

Workaround There is no workaround.

CSCul50676—Customer app fails on Note3 Samsung G. Note3 & LG G2

Symptom Video quality is choppy and not viewable.

Workaround There is no workaround.

CSCuj86252—Android Customer App: changing package name causes the video decoder to not play video

Symptom Android: Changing the package name from com.cisco.sv to e.g. se.cisco.sv in the customer app code causes video to not play. The log file reveals that the video decoder is not able to load C libraries. It seems that the video decoder does not honor a new package name other than com.cisco.sv.

Step 1 Bring up Customer App code in Eclipse.

- Step 2** Change com.cisco.sv to se.cisco.sv in **AndroidManifest.xml**.
 - Step 3** Replace “**import com.cisco.sv.R**” with “**import se.cisco.sv.R**” in the java source file.
 - Step 4** Build and Run the app on a device.
 - Step 5** Select a video channel.
 - Step 6** An empty screen comes up and is spinning.
 - Step 7** Look at the log file for errors.
-

Workaround Always use a package name that starts with the 'com.', excluding the double quotes. For example, if the desired package name is se.foo.svm then use com.se.foo.svm instead.

Installation Requirements for Licensing Compliance

To maintain software licensing compliance, Cisco StadiumVision Mobile servers must be installed in the following manner:

- The Cisco StadiumVision Mobile Reporter or Cisco StadiumVision Mobile Streamer server is installed in a data center or in an enterprise data closet.

Related Documentation

For information about the specific configuration requirements, see the *Cisco StadiumVision Mobile Design and Implementation Guide* that is available through your Cisco Systems sales representative.

For more information about Cisco StadiumVision Mobile hardware and software installation, configuration, and operation, see the Cisco StadiumVision Mobile documentation available on Cisco.com at: http://www.cisco.com/en/US/products/ps11274/tsd_products_support_series_home.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Cisco StadiumVision Mobile Documents

The following documents are available at:

http://www.cisco.com/en/US/products/ps11274/tsd_products_support_series_home.html

- *Cisco StadiumVision Mobile Reporter and Cisco StadiumVision Mobile Streamer Installation and Upgrade Guide*
- *Cisco StadiumVision Mobile SDK Guide for Apple iOS and Google Android, Release 1.3*
- *Cisco StadiumVision Mobile Reporter Administration Guide*
- *Cisco StadiumVision Mobile Streamer Administration Guide*

Sports & Entertainment Solutions page: www.cisco.com/go/sports

Registered partners: www.ciscoet.com

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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)

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

© 2013 Cisco Systems, Inc. All rights reserved.