



Preface

This document describes the requirements and tasks to install and upgrade the software for Cisco StadiumVision Director Release 3.1.

The content is intended for Cisco StadiumVision system administrators and technical field engineers who are responsible for designing and deploying Cisco StadiumVision solutions. It is expected that readers of this document are familiar with basic IP networking and Linux, have a general understanding of the sports and entertainment business, and understand the objectives and operations of live events.

Document Revision History

[Table 1](#) lists the technical changes made to this document since it was first published.

Table 1 Document Revision History

Date	Change Summary
January 17, 2014	<p>The following changes were made:</p> <ul style="list-style-type: none"> • Removed the steps for staging the Flash template and deploying the Global DMP Settings commands from the verification task list, and moved them as required tasks in the upgrade task list for better visibility in the “Using the TUI Upgrade Utility to Upgrade the Cisco StadiumVision Software” module. • Added the “Staging the Flash Template” and “Deploying the Global DMP Settings” tasks to the upgrade task list for better visibility in the “Upgrading a Cisco StadiumVision Director Platform 2 Server from Release 3.0 SP2 to Release 3.1 SP1 and SP2” module.
September 30, 2013	<p>The following changes were made:</p> <ul style="list-style-type: none"> • Revised the caution to add requirement to install the Release 3.1.0-787 (SP1) full ISO first followed by an upgrade to Release 3.1.0-797 (SP2) as the minimum supported software release to the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5. • Revised the module title and added information about installing Release 3.1.0-797 (SP2) as the minimum supported software release to the “Upgrading a Cisco StadiumVision Director Platform 2 Server from Release 3.0 SP2 to Release 3.1 SP1 and SP2” module on page 1. • Added caution statement to not alter the RAID configuration prior to installation or upgrade in the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5 and “Using the TUI Upgrade Utility to Upgrade the Cisco StadiumVision Software” module on page 29. • Replaced “CDROM” option in the boot order to “Virtual CD/DVD” in the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5 and “Appendix D: CIMC Configuration and Firmware Upgrade Guidelines on the Cisco UCS C220 Server” module on page 71. • Added verification of the BIOS boot order configuration to the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5 and “Using the TUI Upgrade Utility to Upgrade the Cisco StadiumVision Software” module on page 29.

Table 1 Document Revision History (continued)

Date	Change Summary
June 18, 2013	<p>The following changes were made:</p> <ul style="list-style-type: none"> • Added note that DMP failover is disabled by default beginning in Cisco StadiumVision Director Release 3.1.0-787 (SP1) to the “Getting Started Installing or Upgrading Cisco StadiumVision Director” module on page 1 and “Upgrading the DMP Firmware” module on page 51. • Added note about not using periods “.” in the DNS hostname in the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5. • Updated the “Upgrading a Cisco StadiumVision Director Platform 2 Server from Release 3.0 SP2 to Release 3.1 SP1 and SP2” module on page 1 with the following changes: <ul style="list-style-type: none"> – Added changes to identify that Release 3.1.0-787 (SP1) is the minimum production version for upgrade from Release 3.0.0-433 (SP2) due to important bug fixes. – Added caution statement to advise users to independently back up any video content located in the Video Distribution Manager (VDM) when migrating from Release 3.0 to Release 3.1. – Added additional reminders that the CleanAllVDMVideoFilesTask automatically removes VDM video files from all active DMPs.

Table 1 Document Revision History (continued)

Date	Change Summary
April 10, 2013	<p>The following changes were made:</p> <ul style="list-style-type: none"> • Updated modules throughout the guide to reflect upgrade support from Release 3.0.0-433 Service Pack 2 (SP2), and no longer from Release 3.0.0-429 SP1. • Added information about contacting Cisco Technical Support to obtain the Cisco StadiumVision Director full ISO file in the “Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server” module on page 5. • Added information about prerequisite prior to upgrade to Release 3.1 to delete any video files that you have uploaded to the Content library but that are not in Video Distribution Manager (VDM), excluding SSC video files to prevent system restriction of removal post-upgrade. Updates were made in the “Upgrading an Existing Platform 2 Server from Release 3.0 SP2 to Release 3.1 SP1” section on page 3 and the “Best Practices” section on page 2. • Updated information about the CleanAllVDMVideoFilesTask in the “Removing Legacy Video Files From the DMP” section on page 10. • Made the following updates in the “Using the TUI Upgrade Utility to Upgrade the Cisco StadiumVision Software” module on page 29: <ul style="list-style-type: none"> – Modified the full ISO file name. – Added statement about the TUI verifying that the ISO filename is the appropriate type for the server (SV-DIRECTOR versus SVD-REMOTE). • Added post-upgrade step to re-enable data sources and restart the External Content Integration Application in the “Appendix A: Post-Upgrade Checklist” module on page 57.
March 27, 2013	Added “Appendix D: CIMC Configuration and Firmware Upgrade Guidelines on the Cisco UCS C220 Server” module on page 71 and updated references to it.
March 25, 2013	<p>The following changes were made:</p> <ul style="list-style-type: none"> • Updated the information for the init.version and init.build strings that must be manually typed for DMP firmware version 5.4 in the “Upgrading the DMP Firmware From the Management Dashboard” section on page 52. • Added caution from the Release Notes about upgrades from Release 3.0.0-429 SP1 to Release 3.1 losing language support in Release 3.1.0-510 and 3.1.0-632.

Table 1 Document Revision History (continued)

Date	Change Summary
March 20, 2013	Updated for Cisco StadiumVision Director Release 3.1.0-632. The following changes were made: <ul style="list-style-type: none"> • Addition of information for installing Cisco StadiumVision Director for the first time on a Platform 3 server. • Updates to the content migration procedure when upgrading from Cisco StadiumVision Director Release 3.0 SP1 to Release 3.1. • Enhancements to the NTP server configuration information.
March 6, 2013	First release of this document for Cisco StadiumVision Director Release 3.1.0-510.

Document Organization

Chapter	Description
“Getting Started Installing or Upgrading Cisco StadiumVision Director”	Provides information that you should read before you perform an initial installation or upgrade of the Cisco StadiumVision Director Release 3.1 software.
“Installing Cisco StadiumVision Director for the First Time on a Platform 3 Server”	Describes how to install the Cisco StadiumVision Director Release 3.1 software on your newly-purchased Platform 3 server hardware from a full ISO image.
“Upgrading a Cisco StadiumVision Director Platform 2 Server from Release 3.0 SP2 to Release 3.1 SP1 and SP2”	Describes how to upgrade a Cisco StadiumVision Director server previously installed with Release 3.0.0-433 SP2 to Cisco StadiumVision Director Release 3.0.
“Using the TUI Upgrade Utility to Upgrade the Cisco StadiumVision Software”	Describes how to upgrade an existing Cisco StadiumVision Director server to a later version, including installation of service packs. This procedure is also referred to generally as an ISO upgrade to refer to both the service pack and upgrade ISO process.
“Upgrading the DMP Firmware”	Describes how to upgrade the DMP firmware on the Cisco DMP 4310G.
“Appendix A: Post-Upgrade Checklist”	Provides a checklist that is useful after you upgrade your software on a Cisco StadiumVision Director server.
“Appendix B: Port Reference”	Identifies the ports used by Cisco StadiumVision Director.

Chapter	Description
“Appendix C: Installing Additional Hard Drives in the Platform 2 Server to Prepare for Upgrade to Release 3.1”	Describes how to install two additional 300 GB hard drives (SV-FRU2-HD3G=) for another RAID 1 volume in the Cisco StadiumVision Director Platform 2 Server which are required to run Cisco StadiumVision Director Release 3.1 with a minimum of 4 drives.
“Appendix D: CIMC Configuration and Firmware Upgrade Guidelines on the Cisco UCS C220 Server”	Provides guidelines for configuring the Cisco Integrated Management Controller (CIMC) interface and performing the initial configuration, and upgrading the CIMC/BIOS firmware on the Cisco UCS C220 servers for Cisco StadiumVision Director (SV-DIR-DIRECTOR-K9, SV-PLATFORM3=).

Related Documentation

- [Release Notes for Cisco StadiumVision Director Release 3.1](#)
- [Cisco StadiumVision Director Server Administration Guide, Release 3.1](#)
- For the listing page of all Cisco StadiumVision documentation, go to:
http://www.cisco.com/en/US/products/ps11274/tsd_products_support_series_home.html

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