Using the Software Manager to Upgrade Cisco StadiumVision Director Remote Software

This module describes using the Cisco StadiumVision Director Remote Software Manager to upgrade an existing server already running Cisco StadiumVision Director Remote 4.0 to a later release of Cisco StadiumVision Director Remote software.

This module includes the following topics:

Best Practices

Before you begin upgrading an existing Cisco StadiumVision Director Remote server, consider the following best practices:

- Choose an appropriate down time to perform the upgrade on the Cisco StadiumVision Director Remote server when there is adequate time to complete and verify the upgrade before any scheduled events and to allow time to resolve any unexpected issues that might occur.

- Refer to the *Release Notes for Cisco StadiumVision Director Release 4.0* for the latest information about hardware and software requirements, changes, important notes, and caveats for your software release.

- Pay particular attention to the required hardware and software versions for other devices supporting your Cisco StadiumVision solution and be sure that you upgrade those devices as needed. For example, generally only certain firmware versions are supported for the DMP hardware, or a new firmware version is needed to provide additional functionality supported by the Cisco StadiumVision Director Remote software.

- Shut down the Cisco StadiumVision Director Remote server and take a snapshot of the VMware system. Restart the Cisco StadiumVision Director Remote server to prepare for upgrade.

Prerequisites

Be sure that the following requirements are met before you upgrade your server:

- Your server is running a minimum of Cisco StadiumVision Director Remote Release 3.2.0-83 or higher.

- You have a supported browser version for Cisco StadiumVision Director Remote. For more information about the latest supported browsers, see the *Release Notes for Cisco StadiumVision Director Release 4.0*.

- You have configured the admin user password in the Text Utility Interface (TUI). For more information, see the "System Accounts on the Cisco StadiumVision Director Servers" module in the *Cisco StadiumVision Director Server Administration Guide, Release 4.0*.

Information About Using the Software Manager to Update Existing Cisco StadiumVision Director Remote Software
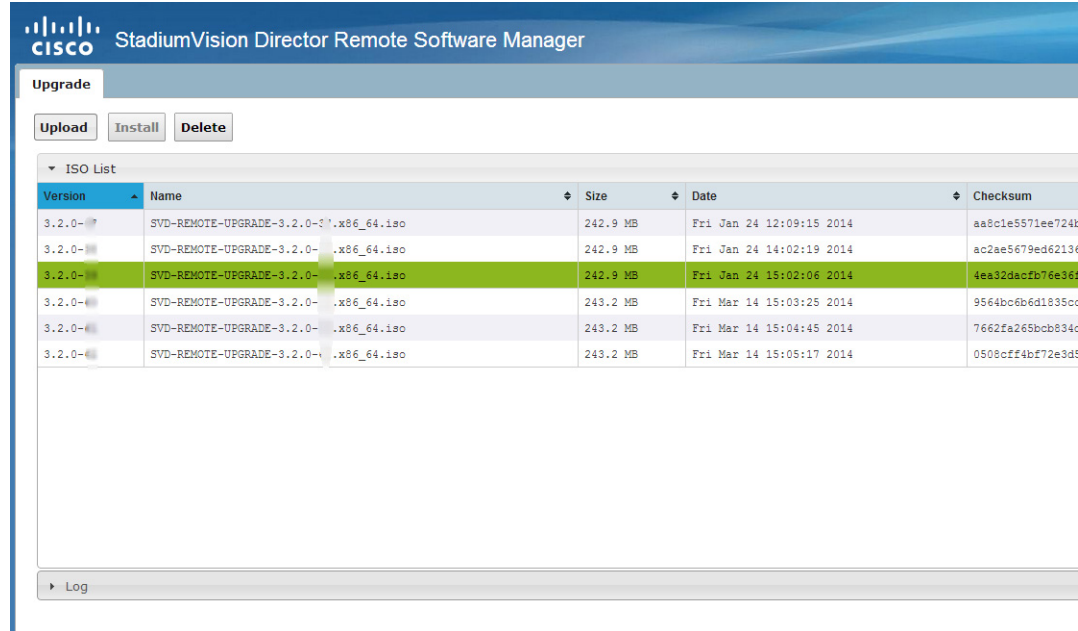
After upgrading to Cisco StadiumVision Director Remote Release 4.0, you can use the Software Manager to upgrade to later versions of Cisco StadiumVision Director. The ISO upgrade procedure for Cisco StadiumVision Director includes the following tasks:

1. Downloading an ISO upgrade file from the software download site on Cisco.com.

2. Uploading the ISO file from your laptop using the upload function in the Software Manager.

3. Installing the ISO image using the install function in the Software Manager.

ISO Upgrade Files

You can store multiple ISO upgrade files on a Cisco StadiumVision Director Remote server. The files will be displayed with a sequence number and the ISO filename in the Software Manager. You select which file to install in the Software Manager as shown in Figure 1.

Figure 1   ***Cisco StadiumVision Director Remote Software Manager***
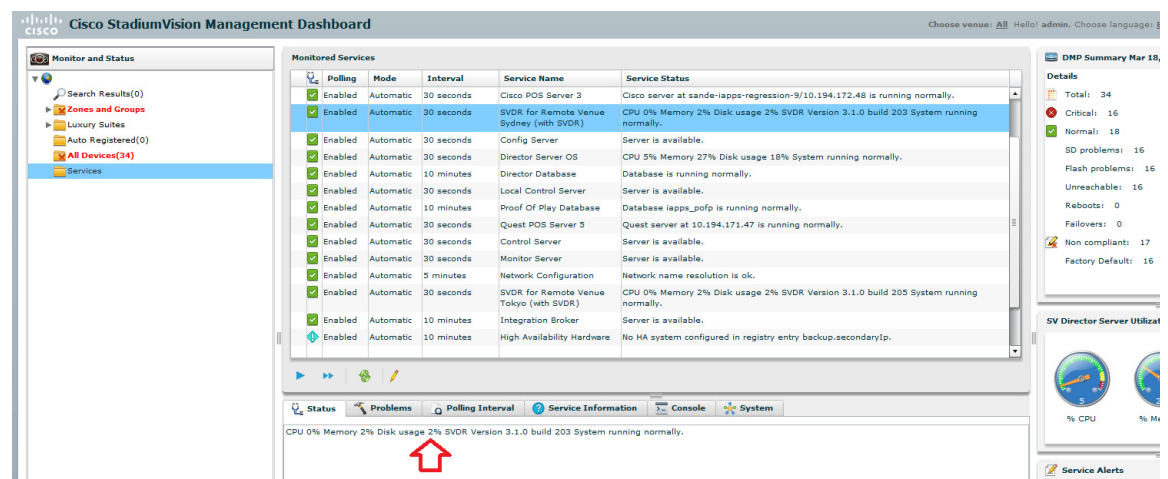

Disk Maintenance

There is no automatic aging of ISO upgrade files, but ISO upgrade files can be deleted in the Software Manager (see Figure 1).

You can see disk utilization for remote servers from the Management Dashboard on the centralized Cisco StadiumVision Director server, or you can use the TUI to get file system usage.

Figure 2 shows an example of disk utilization reporting available for a Cisco StadiumVision Director Remote server from the Management Dashboard.

Figure 2   ***Disk Utilization for Remote Server in Cisco StadiumVision Director Management Dashboard***

Upgrade Tasks

To upgrade your Cisco StadiumVision Director Remote server, complete the following tasks:

- Downloading ISO Upgrade Files from Cisco.com, page 18 (required)
- Uploading an ISO Upgrade File to the Cisco StadiumVision Director Remote Server, page 19 (required)
- Installing the he ISO Upgrade Image on the Cisco StadiumVision Director Remote Server, page 20 (required)
- Verifying the Upgrade, page 20 (required)

Downloading ISO Upgrade Files from Cisco.com

Be sure to download the upgrade files to a location, such as a laptop computer, where you can access them for installation onto the Cisco StadiumVision Director Remote server.

To download an ISO upgrade file, complete the following steps:

Step 1 Go to the Cisco StadiumVision Director software download site.

✎ **Note** This site page is available from the Cisco StadiumVision Director product support page by clicking **Download Software** > **Cisco StadiumVision Director**.

Step 2 Select the ISO upgrade, and optionally the companion MD5 checksum file, and download them.

Table 1 shows the filename conventions used for ISO upgrades.

✎ **Note** Be sure that you choose the ISO for SVD-REMOTE and *not* for SV-DIRECTOR.

Table 1 ***ISO Filename Conventions for Cisco StadiumVision Director Remote***

OVA Filename
SVD-REMOTE-UPGRADE-4.0.0-*nnn*.x86_64.iso[1]
SVD-REMOTE-UPGRADE-4.0.0-*nnn*.x86_64.iso.md5sum

1. "*nnn*" represents the build number.

You can download the files using one of the following methods:

- Download both files at one time—Select each file and click **Add to Cart**. Then at the top of the download page, click the "Download Cart (2 items)" link.
- Download each file independently—Click the **Download Now** button in the file selection box for each file.

Step 3 (Optional) To verify the integrity of your upgrade file from the download, you can use a command-line or GUI utility on your laptop to calculate the checksum on the .iso file. Open the .md5sum file to compare the value that you calculated with the expected value provided in the .md5sum file.

The values should match. If they do not, retry the download.

Uploading an ISO Upgrade File to the Cisco StadiumVision Director Remote Server

After you have downloaded the ISO upgrade file from Cisco.com, you will use the Software Manager to both upload the file to the Cisco StadiumVision Director Remote server. and to install the upgrade image.

Prerequisites

Be sure that you know the IP address of the Cisco StadiumVision Director Remote server where you want to upload the file, and you have a supported browser version for Cisco StadiumVision Director. Remote.

To upload an ISO upgrade file to the Cisco StadiumVision Director Remote server, complete the following steps:

Step 1 Log into Cisco StadiumVision Director Remote as an administrator.

Step 2 From your browser, go to the following URL, where *x.x.x.x* is replaced by the IP address of the server where you want to upload the upgrade software.

Step 3 Click **Manage Software**.

Step 4 From the **Upgrade** tab, click **Upload**.

Step 5 Navigate to the location of the ISO upgrade file that you downloaded from Cisco.com. Select the file that you want to upload and click **Open**. The file is sent to the server.

When the ISO upload is complete, one of the following occurs:

- When the image is validated and uploaded successfully, a message is displayed stating that the ISO image has been uploaded.

- The image upload failed for some reason and you will need to retry the upload again.
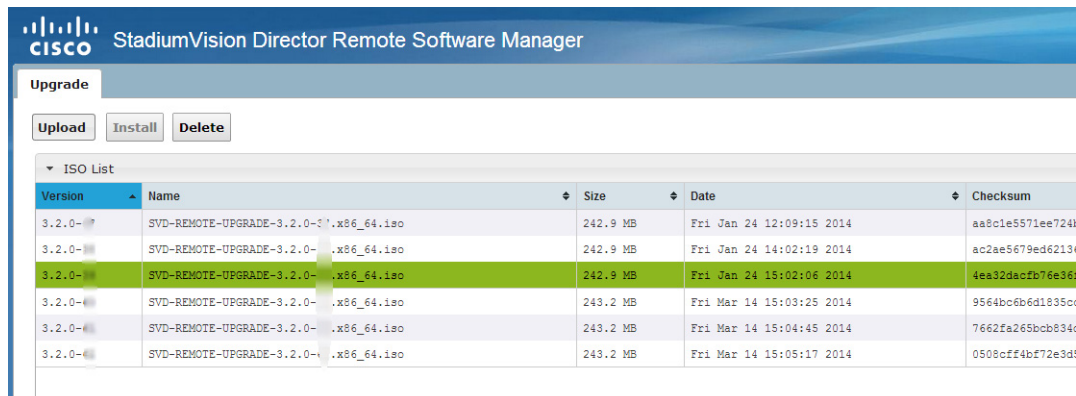
⚠
Caution The upload might take several minutes. Do *not* refresh or reload the Software Manager page while the upload process is running. Any interruption will corrupt the ISO image being uploaded.

Installing the he ISO Upgrade Image on the Cisco StadiumVision Director Remote Server

To install the ISO upgrade image on the Cisco StadiumVision Director Remote server, complete the following steps:

Step 1   From the Software Manager screen, select the ISO file that you want to install.

Step 2   Click **Install** (Figure 3).

Figure 3   ***ISO File Selection and Upload***

Step 3   The installation process begins, and status messages are displayed.

Step 4   After the installation is complete, Cisco StadiumVision services are restarted.

Verifying the Upgrade

To verify the upgrade, completing the following steps:

Step 1   Log into the TUI as installer on the Cisco StadiumVision Director Remote server.

Step 2   Go to **Services Control** > **StadiumVision Remote Services** > **All**.

Step 3   Select **Show Status** and confirm that the distribution service is reported as running normally (Figure 4):

Figure 4   ***Verifying Distribution Service Status***

Step 4   Press any key to return to the All menu.

Step 5   Continue to return to the Main Menu and exit the TUI.