



# Upgrading the Cisco DMP 4310G Firmware

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**First Published: May 16, 2016**

This module describes how to download and upgrade the Cisco DMP 4310G firmware using the Cisco StadiumVision Director Management Dashboard.

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## Prerequisites

Before you upgrade the DMP firmware, be sure that the following requirements are met:

- Be sure that you have compatible Cisco Digital Media Player (DMP) models and firmware versions installed.

For more information about DMP hardware and software requirements, see the [Release Notes for Cisco StadiumVision Director Release 4.1](#).

## Upgrade Tasks

To upgrade the DMP firmware, complete the following tasks:

- [Downloading the DMP Firmware, page 65](#) (required)
- [Upgrading the DMP Firmware From the Management Dashboard, page 66](#) (required)
- [Disabling Failover on all DMPs, page 68](#) (recommended)

## Downloading the DMP Firmware

The DMP firmware image is not bundled with the Cisco StadiumVision Director software. You must download the firmware image separately at the software download center site.

**Note**


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DMP-4310G Version 5.4.1 RB2P is required for the GNU Bash fix.

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## DMP-4310G Version 5.4.1 RB2P

To download the DMP-4310G Version 5.4.1RB2P firmware, go to the Cisco Digital Media Players product page for the Cisco DMP 4310G:

<http://www.cisco.com/c/en/us/support/video/digital-media-player-4310g/model.html>

1. Click the **Downloads** tab and then **Digital Media Player (DMP) System Upgrades**.
2. Go to **All Releases > 5 > 5.4.1\_RB\_2P**.
3. Click **Download** to get the 5.4.1\_RB2\_2P\_FCS\_4310.fwimg file.

## Upgrading the DMP Firmware From the Management Dashboard

This section provides a summary of the steps to perform to upgrade your DMP firmware. For more detailed information, see the related documentation.

To upgrade your DMP firmware, complete the following steps on each DMP as needed:

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- Step 1** Go to the **Management Dashboard > DMP and TV Controls > DMP Install > Firmware Upgrade**.
- Step 2** Upload the firmware file to the server and upgrade the firmware for the DMP 4310Gs.  
For more information, see the “Upgrading the Firmware Image” section of the *Cisco StadiumVision Management Dashboard Device Configuration Commands* guide.
- Step 3** Go to the **Management Dashboard > SV Director Configuration > System Configuration > Auto Registration Settings**. Confirm or set the following values as required:
- Enable\_Auto\_Registration = true
  - Enable\_Auto\_Provisioning = true
  - Firmware image to use = 5.4(1)RB(2P) (select from the dropdown box)
  - Manually type the firmware init.version and init.build values according to your firmware version as follows:

**Note**


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The init.version and init.build strings must match exactly with the characters and spacing shown.

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- For firmware version 5.4.1 RB2P:  
init.version = 5.4(1)RB(2P)  
init.build = Mon Oct 6 07:03:30 PDT 2014 [b4652]

**Note**

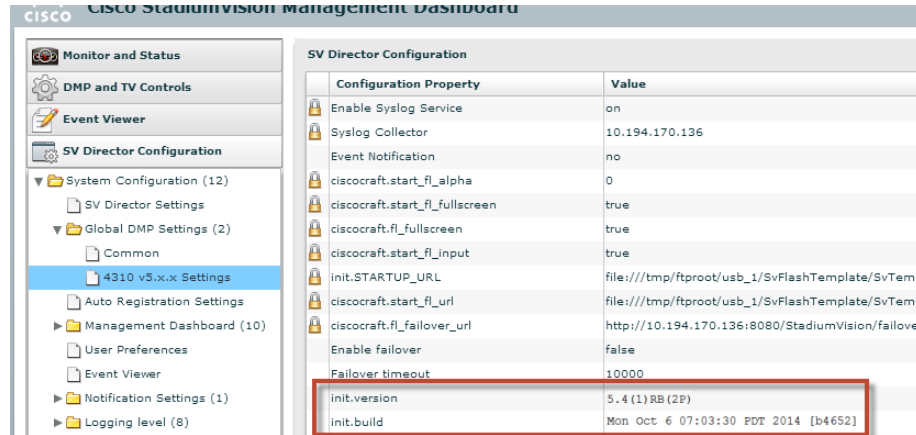

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In the "init.build" string there are 2 spaces between "Oct" and "6".

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- Step 4** Go to the **Management Dashboard > SV Director Configuration > Global DMP Settings** and confirm the firmware version and build date in the 4310 v5.x.x Settings as shown in [Figure 1](#).

**Figure 1** Global DMP Settings in Management Dashboard



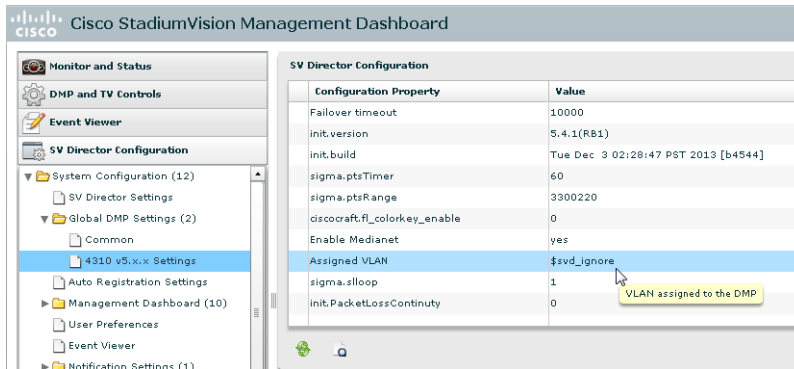
- Step 5** Configure the Assigned VLAN property under the 4310 v5.x.x as \$svd\_ignore or the actual VLAN number on which your DMPs reside. Do *not* leave blank.



**Note** DMP auto-registration support requires that the VLAN value is correctly set or “\$svd\_ignore” is used.

You will need to set the Assigned VLAN property value for the 4310 v5.x.x Settings ([Figure 2](#)):

**Figure 2** Assigned VLAN Property Configuration for DMPs



- Step 6** Go to **Management Dashboard > DMP and TV Controls > DMP Install > Firmware Upgrade**. Select **All Devices** and click the Play (>) icon to run the command.
- Step 7** Go to **Management Dashboard > DMP and TV Controls > Global Settings > Global DMP Settings**. Select **All Devices** and click the Play (>) icon to run the command.
- Step 8** Go to **Management Dashboard > DMP and TV Controls > Monitoring > Get Status**. Select **All Devices** and click the Play (>) icon to run the command.

## Disabling Failover on all DMPs



**Note** DMP failover is disabled by default beginning in Cisco StadiumVision Director Release 3.1.0-787 (SP1).

Sometimes when a DMP is in failover mode during an event and should be displaying content, but the video content is not staged, the TV screen is black. Therefore in Cisco StadiumVision Director Release 3.0 and later releases, Cisco Systems recommends that failover for DMPs is disabled.

**To disable failover on all DMPs, complete the following steps:**

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- Step 1** Log into Cisco StadiumVision Director as an administrator.
  - Step 2** Click **Management Dashboard**.
  - Step 3** Go to **DMP and TV Controls > DMP Commands**.
  - Step 4** Select **Update MIB**.
  - Step 5** Click **4310 Parameters** tab.
  - Step 6** In the name cell, type **failover.on**.
  - Step 7** In the value cell, type **false**.
  - Step 8** In the Select Devices box, select all DMPs.
  - Step 9** Press the Play button to execute on selected devices.
  - Step 10** Turn off failover in the global MIB settings by completing the following steps:
    - a. From the Management Dashboard, go to **SV Director Configuration > System Configuration > Global DMP Settings > 4310 v5.x.x Settings**.
    - b. Find the **Enable failover** property.
    - c. Set the value to **false**.
    - d. Click **Save changes**.
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