Cisco StadiumVision
Viewing Device Details Status

Release 2.3

May 2011

Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
http://www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-4100

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Cisco and the Cisco Logo are trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and other countries. A listing of Cisco's trademarks can be found at

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. (1005R)

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.

Table of Contents

Preface

This guide describes the Management Dashboard Device Details panel and how you can use it to view detailed status about StadiumVision DMPs and TVs.

Document Audience

The intended audience is StadiumVision system administrators and Cisco Technical Field Engineers who are responsible for designing and deploying StadiumVision. It is expected that readers of this document are familiar with basic IP networking technology, have a general understanding of the sports and entertainment business, and understand the objectives and operations of live events.

Document History

Table 1. Revision History

Date	Revision	Author	Comments
5/5/2011	0	Trish McBride	First edition for Release 2.3

Viewing Device Details Status

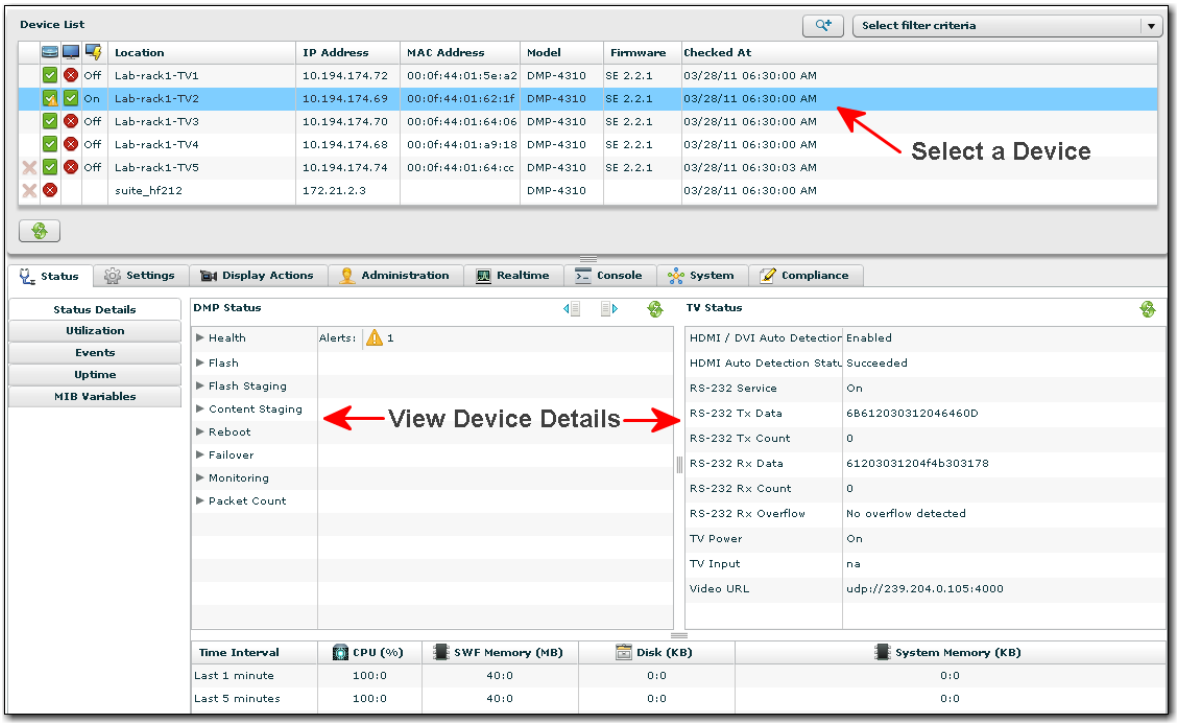
This guide describes the Management Dashboard Device Details panel and how you can use it to view detailed status about StadiumVision DMPs and TVs.

Device Details Panel

The Device Details panel below the Device List in the Management Dashboard displays extensive details about the status of a selected device. The information is categorized by each functional area of device status and accessible through a tabbed structure. The Details tabs change based on which Dashboard drawer is open. For example, when the Event Viewer Dashboard Drawer is selected the displayed tabs include “Event Details” and “System Console”The Device Details tabs change based on which Dashboard Drawer is open.

The example shown in Figure 1 shows the information displayed on the **Status** tab for the selected Lab-rack1-TV2 device. The **Status** tab displays only when a device is selected within the Dashboard or Configuration drawers.

Figure 1. Viewing Device Details



Device Configuration Details

The following tabs display in the Device Details panel for the Device Configuration Drawer:

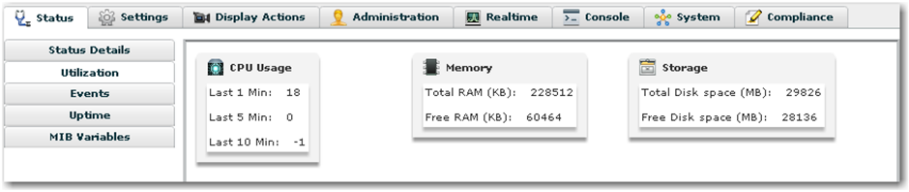
Table 1. Device Configuration Drawer Tabs

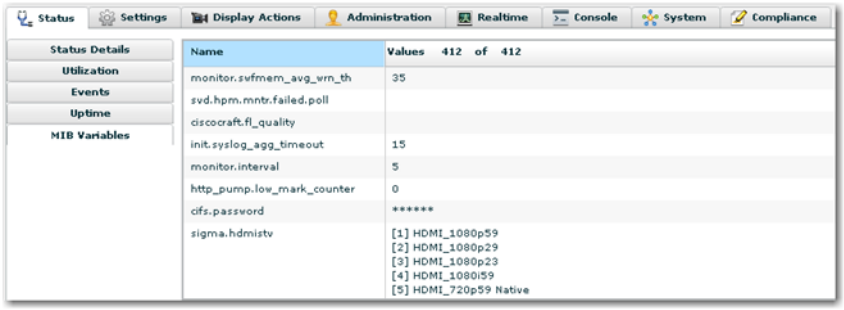
Tab	Description
Status	Provides a top-level view of the DMP status and TV status.
Settings	Displays basic information about the DMP as well as information about the TV attributes, DMP network settings, video settings, storage capacity, and firmware.
Display Actions	Displays information about the SWF Failover and Serial Interface.
Administration	Displays the password for the DMP Web account, FTP account, and SSH account. It also indicates whether Cisco TAC Troubleshooting Access is enabled.
Realtime	Not Implemented
Console	Displays status and related messages sent by the SV Director server for the operation being performed on the selected DMP. It provides details on the success and failure of an operation with timestamp logging of the operation.
System	Displays non device-specific status and related messages sent by SV Director.
Compliance	Displays the differences between the global MIB settings and the MIB settings used by the selected DMP.

Viewing DMP and TV Status

The **Status** tab in the Device Details panel provides a top-level view of the DMP status and TV status. Expand the tree for each category to display more detailed status about a selected device. You can mouse over the icons for each alert to display tool tips with suggestions for next steps to take to investigate and resolve the issue. The number next to Alerts indicates the total number of alerts for that category.

Table 2. Viewing DMP and TV Status

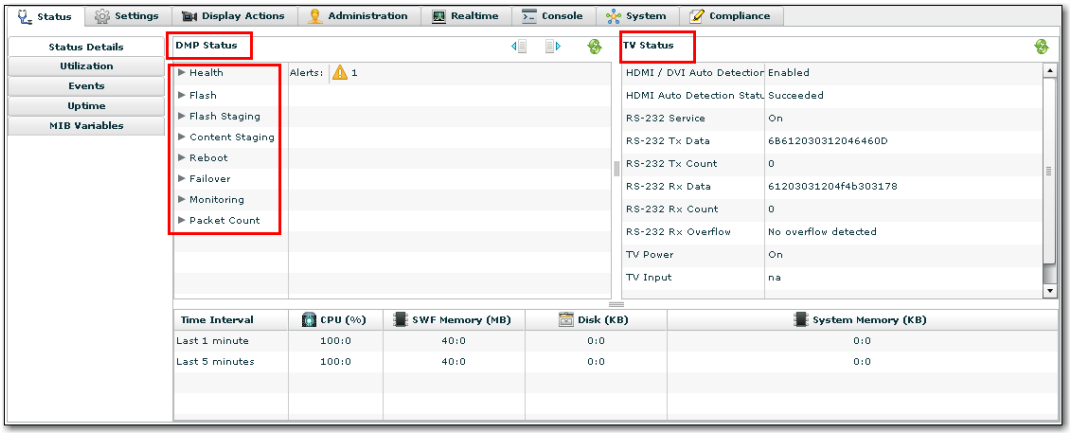
Status Tab	Description
Status Details	Display categories of status related to the overall health of the DMP and TV. See
Utilization	

Status Tab	Description
Events	
Uptime	
MIB Variables	

Status Details Drawer

The items in the Status Details drawer represent the DMP and TV status that the the Dashboard is monitoring. Expand a category to view more detailed status and current alerts for the selected category. The items under the TV Status column are the items that the Dashboard is inspecting for the overall TV status.

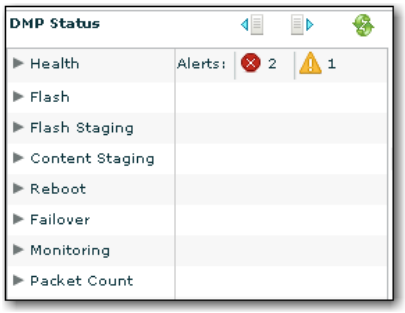
Figure 2. DMP and TV Status



Overall DMP Status

For each status category, the critical, minor and major alert status is displayed as a summary. The alert count is a roll-up display for any sub category that may be in an alert state.

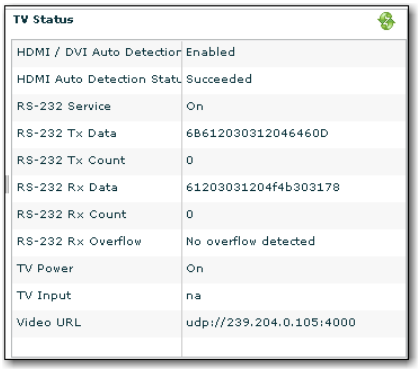
Figure 3. Viewing Overall DMP Status in the Device Details Window



Category	Description
Health	Overall health of DMP.
Flash	Status related to the Adobe Flash Player application. This is also refered to as the SV Director Flash template application.
Flash Staging	Tracks status of the Flash staging operations. If not successful, it will generate an alert.
Content Staging	Tracks status of the Content staging operations.
Reboot	Tracks status of the reboot operations. For normal (user initiated) reboot, the Dashboard will display the reboot status, the name of the user that invoked the reboot and the time the reboot was performed. A reboot failure will result in a major alert.
Failover	Tracks whether the DMP has gone into the failover state. The Dashboard will display an alert for the Failover category if the DMP is in failover state. Failover cannot be detected for a DMP 4305G.
Monitoring	Tracks the polling status operations. Two monitoring settings can be specified for a device. 1) Threshold alerts generated by a device for CPU, Memory, an disk usage. 2) Periodic health polling performed by the Dashboard.
Packet Count	Tracks the number of unicast and multicast messages reported by the Flash application.

Overall TV Status

Figure 4. Viewing Overall TV Status in the Device Details Window



Category	Description
HDMI/DVI Auto Detection	Whether HDMI/DVI Auto Detection enabled/disabled.
HDMI Auto Detection Status	HDMI Auto Detection status succeeded/failed.
RS-232 Service	Whether the RS-232 services is enabled or disabled.
RS-232 Tx Data	Specifies the most recent data sent to the TV over the RS-232 cable.
RS-232 Tx Count	Count of bytes sent over the RS-232 cable for the most recent transmission.
RS-232 RX Data	Most recent data received from the TV.
RS-232 RX Count	Count of bytes received over the RS-232 cable from the TV
RS-232 Rx Overflow	Indicates if the device encountered a buffer overflow condition when reading data from the RS-232 cable.

Category	Description
TV Power	One of 'On', 'Off' or 'n.a'. 'n.a' value means that SV Director cannot determine the current TV power state. TV Power cannot be accurately determined for TVs that do not support query responses over RS-232.
TV Input	Current input the TV is tuned to.
Video URL	Current Video URL being played on the TV.

DMP Health Status Details

Select **Health** in the Status Details drawer to view a rollup of the overall DMP status. In the example shown Figure 5, the roll-up status indicates that there is 1 minor alert for the device health (a device is non compliant).

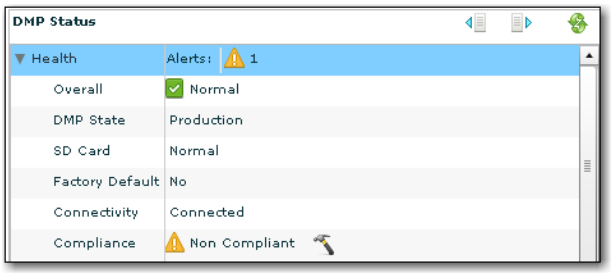
The hammer icon appears in situations where the Dashboard has determined corrective action for the current alert condition. You can click on the hammer icon to instruct the Dashboard to take the recommended corrective action. For example, if you click on the hammer icon next to the non compliant device alert in Figure 5, the Dashboard will execute the **Global MIB** command on the device.

Press the refresh button after the command completes to refresh the compliance status.The refresh button is on the top right corner of the DMP and TV status panels.

The Left and Right arrow icons switch between the list and tree view of the overall DMP status.

Expand the device status category to find out which monitored property is in an alert state.

Figure 5. Viewing DMP Health Status Details



Item	Description
Overall	Overall health of the DMP.
DMP State	While a DMP is being provisioned, it transitions through three states: Not Ready -> Ready -> Production **Not Ready:** The DMP is registered in SV Director but has not been provisioned. **Ready:** The DMP is provisioned in SV Director but has not been assigned to a Location. Note that all scripting is done on Locations and not on DMPs. **In Production:** The DMP is registered, provisioned and assigned to a Location in SV Director.
SD Card	The status of the SD card.
Factory Default	Whether the DMP is in the factory default state.
Connectivity	Whether the DMP is connected to the switch.
Compliance	Whether the DMP complies with the Global MIB

For details on configuring DMP Health Poller Settings, see the *Management Dashboard Command Reference Guide* (Director Configuration Drawer Commands).

Receiving the StadiumVision Director Health Report via Email Notification

By default, StadiumVision Director generates a health report at 8:00 AM every day. You can configure Registry settings to have this report emailed to you.

The following DMP status is included in the Health Report:

- Total number of DMPs
- Total number in Normal State
- Total number in Critical State
- Total number in Unknown State
- Total number rebooted
- Total number non-compliant
- Total number in not-ready state
- Total number not reachable
- Total number with SD card problems
- Total number with Flash Application problems

A high-level status of the DMPs displays in the body of the email. A more detailed status is sent as an email attachment.

Health Reports can be generated on-demand or on a schedule.

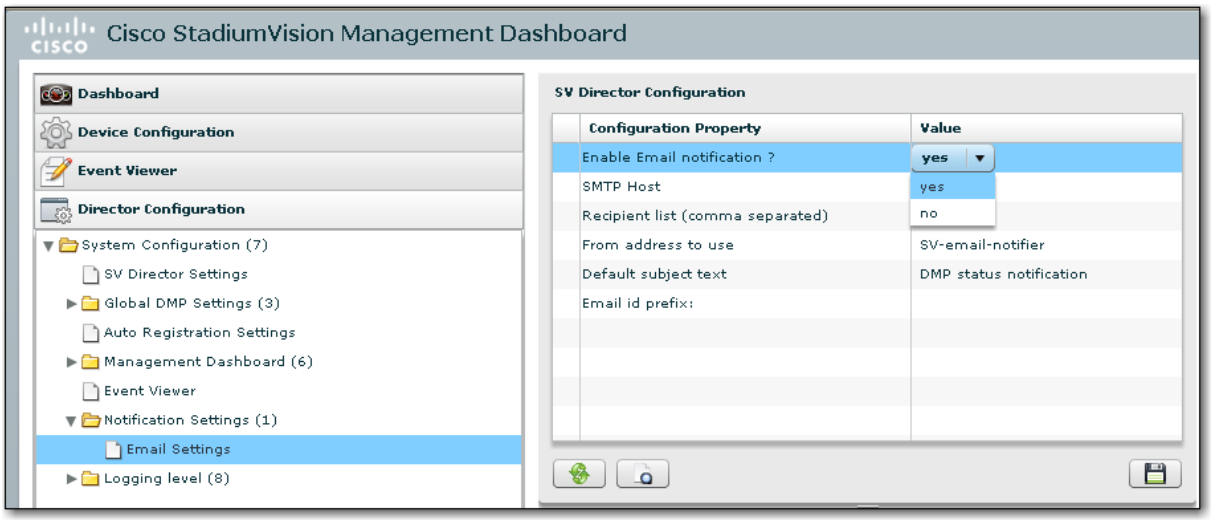
- To generate a health report on-demand, run the HPMReportTask on the **Tools > Advanced > Run a Task** screen.
- To generate a health report on a schedule, edit the HPMReport task on the **Tools > Advanced > Scheduled Task** screen.

You can configure email report settings by editing the email settings page in the Director Configuration Drawer or by editing the registry. Table 3 lists Email Configuration Properties and the corresponding registry keys.

To configure settings in the Director Configuration drawer:

1. Open the Director Configuration drawer.
2. Select **System Configuration > Notification Settings > Email settings.**

Figure 6. Configuring Email Notification Through the Director Configuration Screen



3. Edit the following settings:

Table 3. Configuring Registry Settings for Email Notification

Configuration Property	Value	Registry Setting
Enable Email notification?	Used to enable / disable StadiumVision Director from sending emails. Values: Yes/No. Yes means emails will be sent to the recipients.	hpm.email.sendEmail
SMTP Host	The ip address / DNS name of the SMTP email server. This is site specific and must be configured by the customer or Cisco staff that is installing / configuring StadiumVision at the customer site.	hpm.email.SMTPHost
Recipient list	Comma separated list of email recipients who will receive the report.	hpm.email.Recipients
From address to use	The email sender name (default is SV-email-notifier)	hpm.email.from
Default Subject Text	Default subject field. Usually, StadiumVision Director will replace the default subject field with a content-specific subject.	hpm.email.subject
Email ID Prefix	The email subject will be prefixed with this id. This makes it easier to handle reports / emails from multiple sites. This is primarily for Cisco support engineers who may receive email alerts from multiple customers.	hpm.email.id

Here is an example of the detailed report that is generated by StadiumVision Director and sent as an email attachment:

StadiumVision Health Report generated at: 2010-02-18 04:37:37 PM

Total number of DMPs: 15
Total number in Normal State: 5
Total number in Critical State: 10
Total number in Unknown State: 0
Total number rebooted: 0

Total number non-compliant: 5
Total number in not-ready state: 0
Total number not reachable: 10
Total number with SD card problems: 10
Total number with Flash Application problems: 10

Devices in critical state, count = 10

10.24.162.12	Unknown	64.102.87.133	10.24.162.12	2010-02-18 03:48:11 PM
64.102.87.133	Unknown	64.102.87.133	64.102.87.133	2010-02-18 03:48:11 PM
64.101.138.105	Unknown	64.101.138.105	64.101.138.105	2010-02-18 03:48:11 PM
bryan dmp	Unknown	64.102.87.159	bryan dmp	2010-02-18 03:48:11 PM
henry dmp	Unknown	171.69.66.150	henry dmp	2010-02-18 03:48:11 PM
mark DMP	Unknown	64.102.87.190	mark dmp	2010-02-18 03:48:11 PM
Dave DMP	Unknown	64.102.87.202	dave dmp	2010-02-18 03:48:11 PM
prad pc	Unknown	10.65.76.122	prad pc	2010-02-18 03:48:11 PM
prad cuae	Unknown	10.88.131.47	prad cuae	2010-02-18 03:48:11 PM
my-4310-left	Unknown	171.68.113.206		2010-02-18 03:48:11 PM

Devices not Ready, count = 0

Devices not reachable, count = 10

10.24.162.12	Unknown	64.102.87.133	10.24.162.12	2010-02-18 03:48:11 PM
64.102.87.133	Unknown	64.102.87.133	64.102.87.133	2010-02-18 03:48:11 PM
64.101.138.105	Unknown	64.101.138.105	64.101.138.105	2010-02-18 03:48:11 PM
bryan dmp	Unknown	64.102.87.159	bryan dmp	2010-02-18 03:48:11 PM
henry dmp	Unknown	171.69.66.150	henry dmp	2010-02-18 03:48:11 PM
mark DMP	Unknown	64.102.87.190	mark dmp	2010-02-18 03:48:11 PM
Dave DMP	Unknown	64.102.87.202	dave dmp	2010-02-18 03:48:11 PM
prad pc	Unknown	10.65.76.122	prad pc	2010-02-18 03:48:11 PM
prad cuae	Unknown	10.88.131.47	prad cuae	2010-02-18 03:48:11 PM
my-4310-left	Unknown	171.68.113.206		2010-02-18 03:48:11 PM

Devices that have rebooted, count = 0

Non compliant devices, count = 5

---

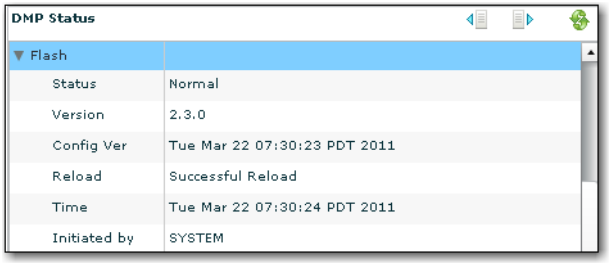
rcdn 1	DMP-4305G	64.101.138.104		2010-02-18 03:48:11 PM
rcdn 2	DMP-4305G	64.101.138.102		2010-02-18 03:48:11 PM
Wei DMP	DMP-4305G	64.102.87.201	vivian's dmp	2010-02-18 03:53:19 PM
my-4310-right	DMP-4310	171.68.113.210	This is my 4310 on right side	2010-02-18 03:51:49 PM
my-4305	DMP-4305G	171.68.113.217		2010-02-18 03:54:08 PM

```
--------------------------------------------------------------------------------
Devices with SD card failures, count = 10
--------------------------------------------------------------------------------
10.24.162.12      Unknown 64.102.87.133      10.24.162.12      2010-02-18 03:48:11 PM
64.102.87.133     Unknown 64.102.87.133      64.102.87.133     2010-02-18 03:48:11 PM
64.101.138.105    Unknown 64.101.138.105     64.101.138.105    2010-02-18 03:48:11 PM
bryan dmp         Unknown 64.102.87.159      bryan dmp         2010-02-18 03:48:11 PM
henry dmp         Unknown 171.69.66.150      henry dmp         2010-02-18 03:48:11 PM
mark DMP          Unknown 64.102.87.190      mark dmp          2010-02-18 03:48:11 PM
Dave DMP          Unknown 64.102.87.202      dave dmp          2010-02-18 03:48:11 PM
prad pc Unknown 10.65.76.122          prad pc 2010-02-18 03:48:11 PM
prad cuae         Unknown 10.88.131.47       prad cuae         2010-02-18 03:48:11 PM
my-4310-left      Unknown 171.68.113.206              2010-02-18 03:48:11 PM
--------------------------------------------------------------------------------

--------------------------------------------------------------------------------
Devices with Flash App failures, count = 10
--------------------------------------------------------------------------------
10.24.162.12      Unknown 64.102.87.133      10.24.162.12      2010-02-18 03:48:11 PM
64.102.87.133     Unknown 64.102.87.133      64.102.87.133     2010-02-18 03:48:11 PM
64.101.138.105    Unknown 64.101.138.105     64.101.138.105    2010-02-18 03:48:11 PM
bryan dmp         Unknown 64.102.87.159      bryan dmp         2010-02-18 03:48:11 PM
henry dmp         Unknown 171.69.66.150      henry dmp         2010-02-18 03:48:11 PM
mark DMP          Unknown 64.102.87.190      mark dmp          2010-02-18 03:48:11 PM
Dave DMP          Unknown 64.102.87.202      dave dmp          2010-02-18 03:48:11 PM
prad pc Unknown 10.65.76.122          prad pc 2010-02-18 03:48:11 PM
prad cuae         Unknown 10.88.131.47       prad cuae         2010-02-18 03:48:11 PM
my-4310-left      Unknown 171.68.113.206              2010-02-18 03:48:11 PM
--------------------------------------------------------------------------------

--------------------------------------------------------------------------------
Devices in unknown state, count = 0
--------------------------------------------------------------------------------
--------------------------------------------------------------------------------
```

Flash Status Details

Select **Flash** in the Status Details drawer to view the status of the Adobe Flash Player.

Figure 7. Viewing Flash Status Details



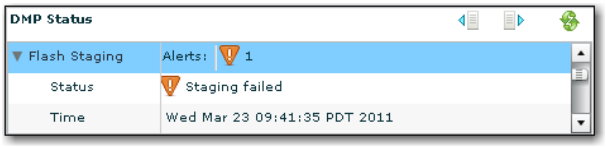
Item	Description
Status	Whether the Flash is up or down.
Version	SV Director software version.
Config. Ver	The DMP configuration that the Flash application retrieved from SV Director.
Reload	Whether a Flash reload was successful.
Time	Time Flash was reloaded.

Initiated	Who initiated the Flash reload. A value of 'System' means that the reload was not user initiated. For example, a script start will also cause the Flash application to reload. In this case the Initiated property will contain the value 'System'.

Flash Staging Status

Select **Flash Staging** in the Status Details drawer to view the status of Flash staging operations. If Flash staging is not successful, the Dashboard will generate an alert and display it here.

Figure 8. Viewing Flash Staging Status

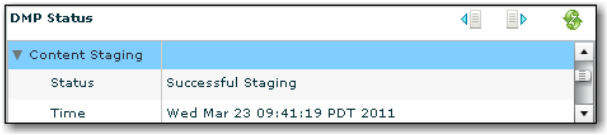


Item	Description
Status	Whether the Flash staging was successful. A major alert indicates that the latest Flash Reload operation failed.
Time	Time the Flash staging operation was completed.

Content Staging Status

Select **Content Staging** in the Status Details drawer to view the status of content staging operations. If content was not successfully staged, the Dashboard will generate an alert and display it here.

Figure 9. Viewing Content Staging Status

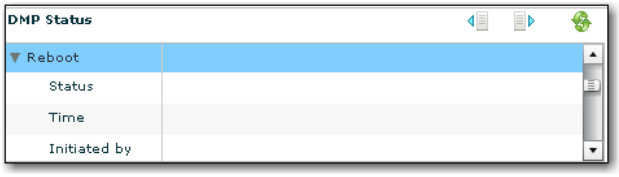


Item	Description
Status	Whether the content staging was successful.
Time	Time the content staging operation completed.

Reboot Status

Select **Reboot** in the Status Details drawer to view the status of reboot operations. If the DMP successfully or unexpectedly reboots, the Dashboard will generate an alert and display it here. If a user-initiated or system-initiated DMP reboot fails, the Dashboard will display a minor alert. If the Dashboard detects an unexpected reboot, it displays a major alert. Unexpected reboots are reboots caused by entities external to SV Director.

Figure 10. Viewing Reboot Status

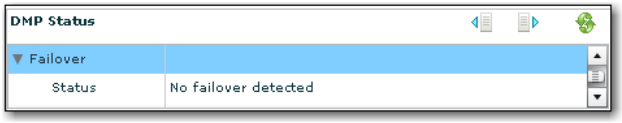


Item	Description
Status	Whether the last reboot was successful.
Time	Time of last reboot.
Initiated By	Who initiated the last reboot.

Failover Status

Select **Failover** in the Status Details drawer to view whether the DMP has gone into the failover state. If a failover occurs, the Flash application sends an alert based on the location that loaded the template and displays it here. A minor alert is displayed for devices that are in the failover state, and the 'Failovers' counter in the DMP Summary is updated. The failover status cannot be detected for a DMP 4305G; therefore, this field does not display for the DMP 4305G.

Figure 11. Viewing Failover Status

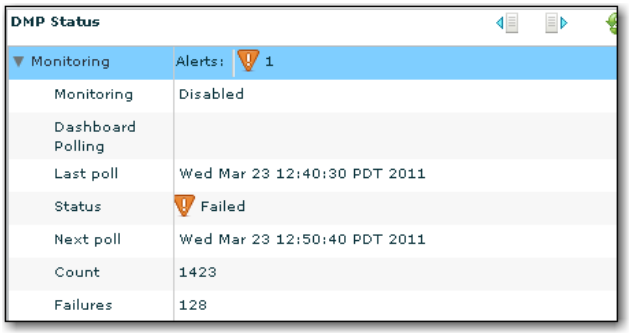


Item	Description
Status	Whether the DMP has gone into failover state.

Monitoring Status

Select **Monitoring** in the Status Details drawer to view the polling status operations.

Figure 12. Viewing Polling Status Operations

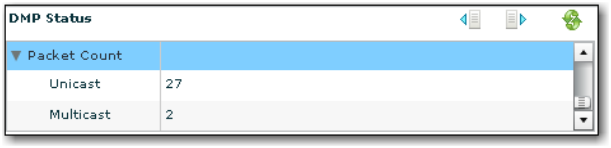


Item	Description
Monitoring	Whether monitoring on the DMP server is enabled or disabled. If enabled, the DMP will generate alerts if the CPU, memory, and disk utilization thresholds are crossed.
Dashboard Polling	Displays an alert if the DMP reboots unexpectedly. Unexpected reboots are detected by the Dashboard when the DMP contacts SV Director after a reboot. If no reboot operation is pending – either user or system initiated – the Dashboard will generate an unexpected reboot alert.
Last poll	The time of the most recent poll.
Next poll	The time for the next poll.
Count	Total number of times the device has been polled.
Failures	Failures – Number of failures encountered during Dashboard polling.

Packet Count Status

Select **Packet Count** in the Device Details drawer to view the number of unicast and multicast messages reported by the Flash application.

Figure 13. Viewing Packet Count Status



Item	Description
Unicast	Number of unicast messages reported by the Flash application.
Multicast	Number of multicast messages reported by the Flash application.

Viewing DMP and TV Settings

The **Settings** tab, shown in Figure 14 and defined in Table 4, displays basic information about the DMP as well as information about the TV attributes, DMP network settings, video settings, storage capacity, and firmware. There are nine drawers on the **Settings** tab which display status useful for determining where a DMP is connected. Select the **Network** drawer to display the General Settings and Medianet Services panels. The Medianet Services panel shows you the switch IP address, switch name, and switch port the DMP is connected to. This information is especially helpful if you need to escalate an issue to the StadiumVision support team.

Figure 14. Settings Basic Tab

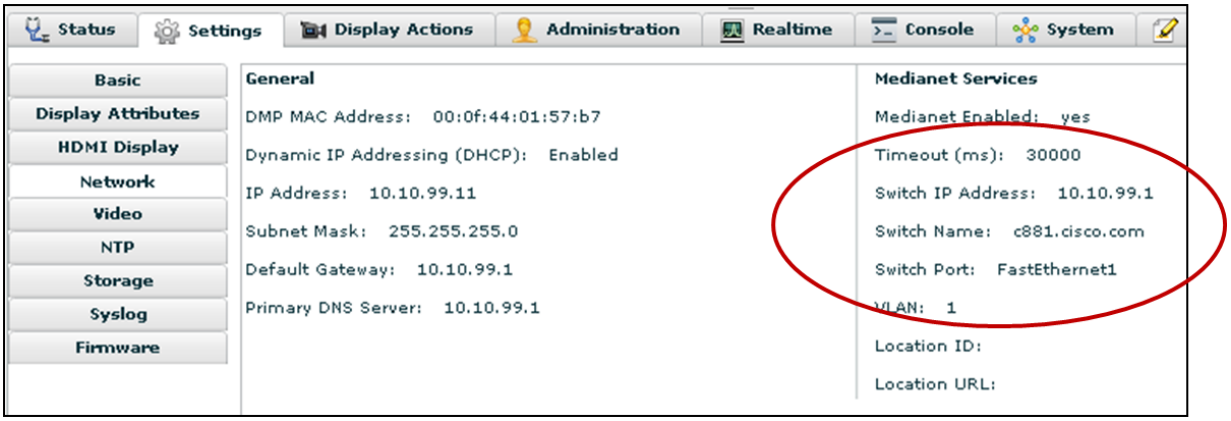


Table 4. Settings Tab Drawers

Setting	Description
Basic Settings	Displays basic information about the DMP including the name, description, model name, product ID and the startup URL. This information is assigned to the DMP when you add it to the StadiumVision Director database.
Display Attributes	Displays settings for the TV display, volume, and display X/Y dimensions.
HDMI Display	Displays details about the TV such as the manufacturer, model number, version, connector type and supported standards.
Network	Displays network settings for the DMP.
Video	Not implemented.
NTP	Displays settings for the NTP service (if enabled). (DMP 4310 only)
Storage	Displays details about the total disk space and the free disk space.
Syslog	Indicates whether the Syslog is enabled and if so, the Syslog collector IP address.
Firmware	Displays information about the firmware and kernel running on the DMP.

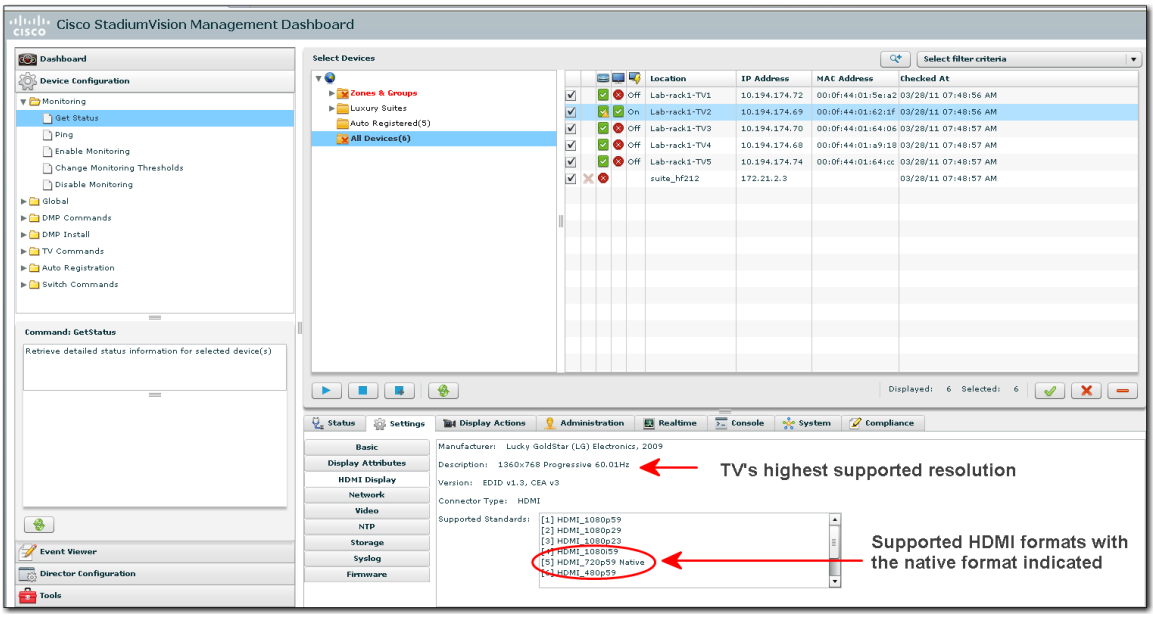
Verifying the DMP Display Attributes

To verify that the DMP and the TV agree on the most optimal display settings:

1. On the Dashboard, select the Device Configuration drawer.

2. Select the DMP and execute the **Get Status** command (**Monitoring > Get Status**).
3. Under the **Settings** tab in the Device Details panel, select the **HDMI Display** drawer and check the settings for the HDMI information the DMP received from the TV.
4. Verify that the native resolution of the TV display matches the HDMI format indicated as “native.”

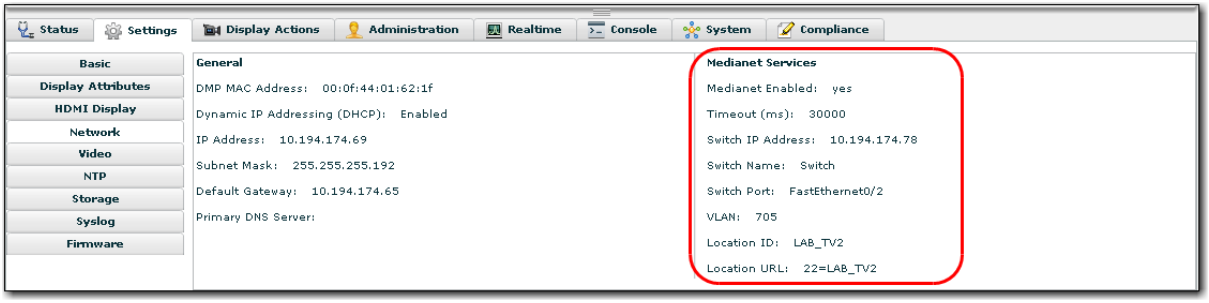
Figure 15. Verifying the DMP Display Attributes



Viewing CDP Information

Cisco Discovery Protocol (CDP) information pertaining to the connected switch port can be viewed in on the **Settings** tab under Network. Refer to Figure 16.

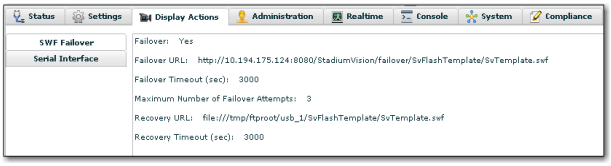
Figure 16. Viewing CDP Information



Display Actions Tab

The **Display Actions** tab in the Device Details panel displays information about the SWF Failover and Serial Interface.

Figure 17. Viewing SWF Failover and Serial Interface Messages

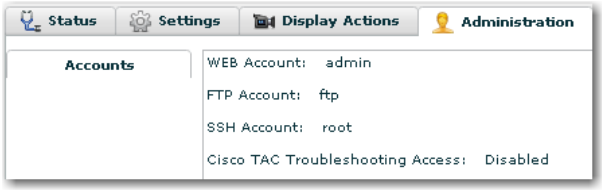


Item	Description
SWF Failover	Indicates whether the DMP has had a failover and displays failover settings.
Serial Interface	Displays the characteristics of the serial interface being used by the DMP.

Administration Tab

The Administration Tab in the Device Details panel displays the account passwords listed in Figure 18:

Figure 18. Viewing Account Passwords

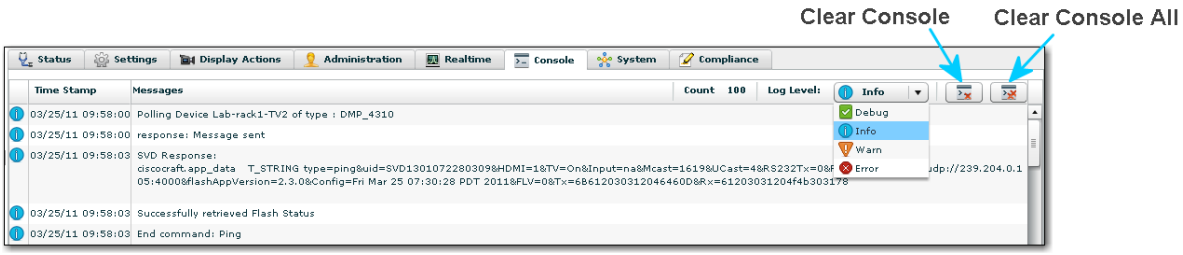


Item	Description
Web Account	Password for the DMP Web account.
FTP Account	Password for the FTP account.
SSH Account	Password for the SSH account.
Cisco TAC Troubleshooting Access	Whether Cisco TAC Troubleshooting access is enabled.

Console Tab

The **Console tab**, shown in Figure 19, displays status and related messages sent by the SV Director server for the operation being performed on the selected DMP. It provides details on the success and failure of an operation with timestamp logging of the operation. Click the **Info** drop down box to set the log level (Debug, Info, Warm, Error). Click the Clear Console icon to clear the console messages for the selected DMP or services. Click the Clear Console All icon to clear the console messages for all devices.

Figure 19. Console Tab



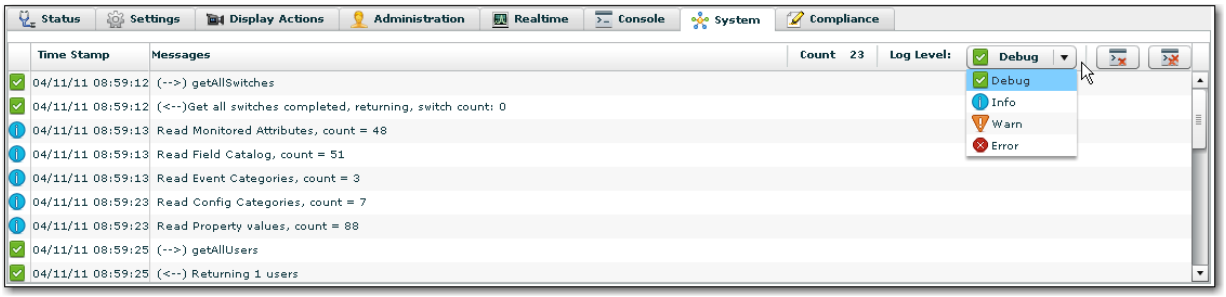
System Tab

The System tab in the Device Details panel displays the system log. System messages are system wide and not specific to a particular device or switch. Here are some examples:

- During auto registration, several messages are displayed in the system console since the device may not be present in the SV Director database.
- During import from a csv file, the status and other messages are displayed in the system log.

This screen also has Clear Console and Clear Console All icons that perform the same functions as described for the **Console** tab.

Figure 20. Viewing the System Log

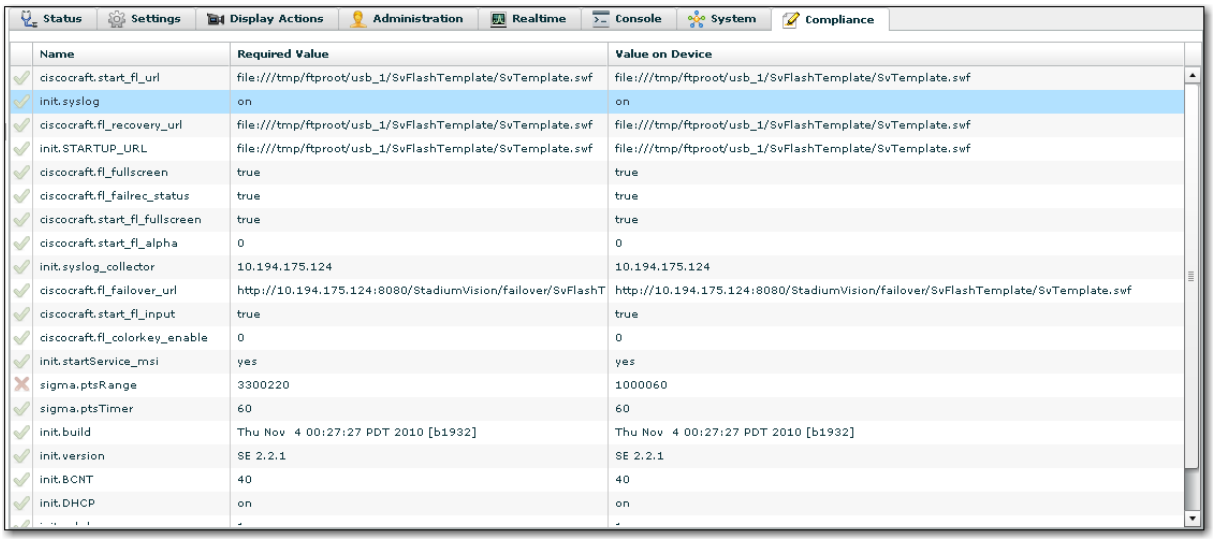


Compliance Tab

The **Compliance** tab, shown in Figure 21, displays the differences between the Global MIB settings and the MIB settings used by the selected DMP. Not to be confused with SNMP MIB settings, Global MIB settings specify the recommended device configuration for proper operation in the SV Director system.They function much more like registry settings on a PC.

For details on how to apply the global MIB settings, see the *Deploying Global DMP Settings Guide*.

Figure 21. Compliance Tab



Name	Required Value	Value on Device
ciscocraft.start_fl_url	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf
init.syslog	on	on
ciscocraft.fl_recovery_url	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf
init.STARTUP_URL	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf	file:///tmp/ftproot/usb_1/SvFlashTemplate/SvTemplate.swf
ciscocraft.fl_fullscreen	true	true
ciscocraft.fl_failrec_status	true	true
ciscocraft.start_fl_fullscreen	true	true
ciscocraft.start_fl_alpha	0	0
init.syslog_collector	10.194.175.124	10.194.175.124
ciscocraft.fl_failover_url	http://10.194.175.124:8080/StadiumVision/failover/SvFlashT	http://10.194.175.124:8080/StadiumVision/failover/SvFlashTemplate/SvTemplate.swf
ciscocraft.start_fl_input	true	true
ciscocraft.fl_colorkey_enable	0	0
init.startService_msi	yes	yes
sigma.ptsRange	3300220	1000060
sigma.ptsTimer	60	60
init.build	Thu Nov 4 00:27:27 PDT 2010 [b1932]	Thu Nov 4 00:27:27 PDT 2010 [b1932]
init.version	SE 2.2.1	SE 2.2.1
init.BCNT	40	40
init.DHCP	on	on

Reporting Non-Conforming DMPs

When you send the **Get Status** command, SV Director compares the MIB settings on each DMP against the values in the Global DMP Settings. If it finds any mismatches, it reports the specific differences between the values on the DMP and those in the Global DMP Settings on the Device Details **Compliance** tab.

Taking Corrective Action for Non-Conforming DMPs

If there are DMP settings that have been flagged as non-conforming with the global configuration, send the **Global DMP Settings** command to the non-conforming DMP(s) to update the DMP MIB values to those defined in the Dashboard registry. See the *Deploying Global DMP Settings Guide* for details.

There are a few exceptions. Differences in the firmware version and the kernel version can only be resolved by doing a firmware or kernel upgrade. See the *Video Delivery Endpoints Design and Implementation Guide* for instructions on how to upgrade the firmware and DMP 4305G kernel.