

Patch Notes



Polycom[®] VDM-DMA[™] 7000 System

Release label: 6.1.2_P1 for Video DualManager (VDM)
Affected version: Polycom DMA 7000 System v6.1.2
Released file(s): dma_6.1.2.1 upgrade file for pre-6.1; upgrade file for 6.1.x

Purpose

Patch 1 for DMA 6.1.2 (i.e. v6.1.2.1) contains code changes to address the following issues:

- ❑ DMA-13892; DMA-13894 – Fix UNIX “Poodle” vulnerability
- ❑ DMA-13938 – Fix memory leak
- ❑ DMA-13934 – Fix H323 startup timing issue
- ❑ DMA-13989 - isFocus attribute on Contact header causes some Lync 2010 endpoints to not have HD video
- ❑ DMA-13991 - CMS GC Pauses System for Class Unloading Operation
- ❑ DMA-14015 DMA MCU Reliability Feature causing MCU to be busied out too soon

Prerequisites/Configuration Considerations

- Systems may have Polycom DMA 7000 v6.0.x; or v6.1.x installed

Upgrade Testing (DMA on a VDM)

Upgrade testing was performed on a DMA running in on a RealPresence Video DualManager. Upgrade testing to this DMA version 6.1.2_P1 was performed starting with a DMA on a VDM where the DMA was running versions 6.0.2, versions 6.0.3 to 6.0.6 and version 6.1.2.

Installation Notes

Note: These instructions only apply to users upgrading from 6.0.2 (or re-imaged 6.0.3 – 6.0.6 system with backup to restore after upgrade), or 6.1.2 – to 6.1.2_P1 on a RealPresence Video DualManager system. Other upgrade paths are not supported.

Note: As part of the upgrade procedure, you will need a timer application or a stopwatch and a terminal or console window and ping utility, as some manual restart related steps of the procedure are time-dependent.

Note: As part of the upgrade procedure, you will either need access to the RealPresence Video DualManager system server remote power system or physical access to the RealPresence Video DualManager 400 system server so that you can manually reset or power cycle the server at specific intervals.

Note: References to "Power cycling" below involve pressing the power button (shutting off the power) and pressing again to turn the power back on (hard reboot).

Upgrade from 6.0.2:

To Upgrade the RealPresence Video DualManager system's RealPresence DMA system instance to version 6.1.2_P1 (v6.1.2.1):

1. Backup your DMA system to your client machine.
2. Download the RealPresence DMA upgrade package from <http://support.polycom.com>
3. **Note:** Be sure to download the upgrade package with a filename ending in "rppufconv.bin" (the download link may be labeled "6.1.x to 6.1.2.1" in the Appliance Edition Software Downloads section on the RealPresence DMA system support area).
4. Go to the **Maintenance > Software Upgrade** page.
5. Click the Upload button.
6. A file chooser dialog appears.
7. Use the file chooser dialog to select the 6.1.2.1 "...rppufconv.bin" upgrade package.
8. Click Open. A File Upload progress dialog appears.
9. Bring up a terminal or console window on your client machine, and start a continuous ping to the DMA's IP address (on Windows use the -t flag).
10. Click Upgrade. As you click the confirmation button, start a timer.
11. Wait until there's been no response to pings for at least 40 seconds before power cycling the VDM machine. The server may stop responding to pings for periods of 20 – 25 seconds – do not power cycle the machine in these windows.
12. After approximately five minutes have elapsed, the server should have stopped responding to pings for at least 40 seconds. When that is the case, reboot the server manually.
13. After another 10 minutes or so have elapsed, and the server has stopped responding to pings again for at least 40 seconds – reboot the server again, manually.

14. Allow at least 40 minutes for the upgrade to complete.
15. Restore the backup from your client machine.

Upgrade from 6.0.3 – 6.0.6:

1. Backup the DMA and RPRM to your client machine.
2. Re-image the VDM to original install disc.
3. Follow instructions for upgrading 6.0.2 – substituting your 6.0.3 – 6.0.6 backup.

Upgrade from 6.1.2:

1. To upgrade a DMA which has already been successfully upgraded to 6.1.2 use the upgrade file ending in “-full.bin”.
2. Backup your DMA system to your client machine.
3. Upload the ...-full.bin 6.1.2_P1 upgrade file to the DMA.
4. Start a continuous ping session from a console or terminal window on your client machine.
5. Click upgrade. Start a timer when you press the confirmation button.
6. Do not power cycle the machine until it has stopped responding to pings for at least 40 seconds (30 second automatic cycles have been noted in testing).
7. After approximately 10 – 12 minutes the system should stop responding to pings for at least 40 seconds. When this occurs, cycle the power on the VDM machine.
8. Total upgrade should take about 20 – 25 minutes.
9. Restore the backup from your client machine.