

DSR™ x03x KVM over IP Switch Appliance
Firmware Release Notes
Version 3.7.1.23
July 12, 2012

This document outlines:

1. Update Instructions
2. Enhancements
3. Fixes
4. Flash Update Failure Recovery

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1 Update Instructions

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Please refer to your user manual for detailed instructions on updating the DSR™ switch. Firmware updates to this version may require a multi-step upgrade process, depending on the version level currently in the switch appliance to be upgraded. It is important that each of the following cases be considered, and the associated steps followed, to ensure a valid upgrade of the appliance.

To upgrade DSR™ xx3x switches (firmware version earlier than 3.2.0.17):

1. First, upgrade to version 3.2.0.17.
2. Then, upgrade from that version to 3.5.1.16.
3. Complete the process by upgrading from the version in step 2 to 3.7.1.23 or higher.

To upgrade DSR™ xx3x switches (firmware version 3.2.0.17 or later, but earlier than 3.5.1.16):

1. First, upgrade to version 3.5.1.16.
2. Then, upgrade from that version to version 3.7.1.23 or higher.

To upgrade DSR™ xx3x switches (firmware version 3.5.1.16 or later):

Upgrade to version 3.7.1.23 or higher.

Additional Notes:

- When attaching the DSRIQ-VMC module to a Windows® operating system, the target may require the USB CCID driver to be installed. If the user is prompted by the Windows New Hardware Wizard, the *Next* button should be selected.

- For an Avocent® Power Management Distribution Unit (PM PDU) 2003, 2006, 2024, 3003, 3006 and 3002, v110 firmware or higher is required to be able to manage the PDU from a DSR switch.

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2 Enhancements

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None

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3 Fixes

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This release contains the following fixes:

- 65584486 - Delete Offline button will now restore the default device name for offline primary PM PDU devices
- 65627202 - User account cannot change his own password
- 65593515 - Remote VM session will not write to USB drive
- 65612533 - DSR™ switch crashes when “green screen” occurs; this occurs primarily when the DSR™ switch is set to Full-Duplex and the network switch is set to Half-Duplex

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4 Flash Update Failure Recovery

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NOTE: If the green power LED on the front and back panel of the DSR™ switch blinks continuously, the switch is in recovery mode.

To recover from a failed Flash upgrade:

1. Set up the TFTP server with server IP address 10.0.0.3.
2. Rename the Flash update file to the appropriate filename from the following list and place it into the appropriate directory on the TFTP server.

Switch	Filename
DSR 1021 switch, DSR 1022 switch	DSR1021.fl
DSR 1024 switch	DSR1024.fl
DSR 1031 switch	DSR1031.fl
DSR 1020 switch, DSR 2020 switch, DSR 4020 switch	DSRxx20.fl
DSR 8020 switch	DSR8020.fl
DSR 1030 switch, DSR 2030 switch, DSR 4030 switch, DSR 8030 switch	DSRxx30.fl
DSR 2035 switch, DSR 8035 switch	DSR8035.fl

3. If the DSR™ switch is not on, turn it on now.

4. The recovery process will start automatically.

NOTE: If you do not have a TFTP server, there are several shareware and freeware programs on the Internet that you can download and install.

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