

DSR® x02x/x03x Switch Appliances
 Firmware Release Notes
 Version 3.4.0.7 or 3.6.4.7 (depending on product)
 February 28, 2007

This document outlines:

1. Update Instructions
2. Appliance Firmware Version and Language Support Information
3. Enhancements
4. Fixes
5. Known Issues
6. Flash Update Failure Recovery

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Update Instructions

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Please refer to your user manual for detailed instructions to update the appliance.

Important Note:

If the appliance currently has a firmware version *earlier* than 3.2.0.17 (or 3.6.2.17 for DSR1020, DSR2020, or DSR4020 switches) then the appliance must first be upgraded to 3.2.0.17 (or 3.6.2.17 for DSR1020, DSR2020, or DSR4020 switches) before it can be updated with this newest version.

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Appliance Firmware Version and Language Support Information

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The following DSR switch appliances are supported with this update:

Switch	English	Spanish	French	German	Italian
DSR1021 DSR1022	DSR1021_en_3.4.0.7.fl	DSR1021_sp_3.4.0.7.fl	DSR1021_fr_3.4.0.7.fl	DSR1021_de_3.4.0.7.fl	DSR1021_it_3.4.0.7.fl
DSR1024	DSR1024_3.4.0.7.fl	N/A	N/A	N/A	N/A
DSR1031	DSR1031_en_3.4.0.7.fl	DSR1031_sp_3.4.0.7.fl	DSR1031_fr_3.4.0.7.fl	DSR1031_de_3.4.0.7.fl	DSR1031_it_3.4.0.7.fl
DSR1020 DSR2020 DSR4020	DSR4020_en_3.6.4.7.fl	DSR4020_sp_3.6.4.7.fl	DSR4020_fr_3.6.4.7.fl	DSR4020_de_3.6.4.7.fl	DSR4020_it_3.6.4.7.fl
DSR8020	DSR8020_en_3.4.0.7.fl	DSR8020_sp_3.4.0.7.fl	DSR8020_fr_3.4.0.7.fl	DSR8020_de_3.4.0.7.fl	DSR8020_it_3.4.0.7.fl
DSR1030 DSR2030 DSR4030 DSR8030	DSRx030_en_3.4.0.7.fl	DSRx030_sp_3.4.0.7.fl	DSRx030_fr_3.4.0.7.fl	DSRx030_de_3.4.0.7.fl	DSRx030_it_3.4.0.7.fl
DSR2035 DSR8035	DSRx035_en_3.4.0.7.fl	DSRx035_sp_3.4.0.7.fl	DSRx035_fr_3.4.0.7.fl	DSRx035_de_3.4.0.7.fl	DSRx035_it_3.4.0.7.fl

Enhancements

This release contains the following enhancements:

1. Force DSAVIQ-USB2 and DSAVIQ-USB2L modules into USB 1.1 Full Speed mode to address certain target computer BIOS incompatibility with USB 2.0 composite devices.
2. Revised DSAVIQ-USB2 and DSAVIQ-USB2L modules' USB enumeration to "map-as-needed" only one virtual media device (CD-ROM by default) to address certain target computer BIOS incompatibility with USB 2.0 composite devices.
3. Added support for Server Technology CW-48 power control device.
4. Added support for USRobotics Courier 56K Business Modem model 3453B dial-in security (callback mode).
5. Added access control lists for local port users. If a user attempts to connect to a target device in which they do not have access rights, the connection will not be allowed and the OSCAR® graphical user interface will notify the user that access was denied due to insufficient access rights.
6. Support for On-board Web Interface (OBWI) KVM sessions from Mac OS X clients (Mozilla Firefox browser only).
7. Added support for bookmarks in OBWI.
8. Added Video Noise Compensation checkbox to the OBWI.
9. Simplified the Security Configuration console menu for one option to restore all security settings to factory default to allow the DSR switch to be discovered by any DSView 3 software server.

Fixes

This release contains the following fix:

1. Resolved issue where Retina® Network Security Scanner causes a DSR switch to lose remote connectivity.
2. Resolved issue where mouse cursors could not be aligned on target devices using certain virtual media capable IQ modules.
3. Resolved issue where the status of a remote exclusive KVM session would be changed from exclusive mode to normal mode if a stealth share session connected to the same target device and then disconnected.
4. Resolved issue when the viewer is set to full screen mode using the default viewer settings then the viewer screen would start to blink.

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Known Issues

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This release contains no known issues.

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FLASH Update Failure Recovery

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If the green power LED on the front and back panel of the DSR switch blinks continuously, the switch is in recovery mode. Use the following steps 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
DSR1021, DSR1022	DSR1021.fl
DSR1024	DSR1024.fl
DSR1031	DSR1031.fl
DSR1020, DSR2020, DSR4020	DSRxx20.fl
DSR8020	DSR8020.fl
DSR1030, DSR2030, DSR4030, DSR8030	DSRxx30.fl
DSR2035, DSR8035	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.