

DSR® x02x/x03x Switch Appliance
 Firmware Release Notes
 Version 3.5.1.16 or 3.6.5.16 (depending on product)
 December 4, 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

=====

Update Instructions

=====

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.

=====

Appliance Firmware Version and Language Support Information

=====

The following DSR Switch Appliances are supported with this update:

Switch	English	Spanish	French	German	Italian
DSR1021 DSR1022	dsr_1021_3.5.1.16_en.fl	dsr_1021_3.5.1.16_es.fl	dsr_1021_3.5.1.16_fr.fl	dsr_1021_3.5.1.16_de.fl	dsr_1021_3.5.1.16_it.fl
DSR1024	dsr_1024_3.5.1.16.fl	N/A	N/A	N/A	N/A
DSR1031	dsr_1031_3.5.1.16_en.fl	dsr_1031_3.5.1.16_es.fl	dsr_1031_3.5.1.16_fr.fl	dsr_1031_3.5.1.16_de.fl	dsr_1031_3.5.1.16_it.fl
DSR1020 DSR2020 DSR4020	dsr_x020_3.6.5.16_en.fl	dsr_x020_3.6.5.16_es.fl	dsr_x020_3.6.5.16_fr.fl	dsr_x020_3.6.5.16_de.fl	dsr_x020_3.6.5.16_it.fl
DSR8020	dsr_8020_3.5.1.16_en.fl	dsr_8020_3.5.1.16_es.fl	dsr_8020_3.5.1.16_fr.fl	dsr_8020_3.5.1.16_de.fl	dsr_8020_3.5.1.16_it.fl
DSR1030 DSR2030 DSR4030 DSR8030	dsr_x030_3.5.1.16_en.fl	dsr_x030_3.5.1.16_es.fl	dsr_x030_3.5.1.16_fr.fl	dsr_x030_3.5.1.16_de.fl	dsr_x030_3.5.1.16_it.fl
DSR2035 DSR8035	dsr_x035_3.5.1.16_en.fl	dsr_x035_3.5.1.16_es.fl	dsr_x035_3.5.1.16_fr.fl	dsr_x035_3.5.1.16_de.fl	dsr_x035_3.5.1.16_it.fl

Enhancements

This release contains the following enhancements:

1. Updated DSAVIQ-USB2 and DSAVIQ-PS2M module firmware to revise DDC string to insure greater compatibility with local port monitors.
2. Added support for IPv6 from either the On-Board Web Interface (OBWI) or DSView® 3 management software version 3.5.1.88 or higher. Note: ICMP ping response cannot be disabled while in IPv6 mode.
3. Added support for Avocent Mouse Synchronization, which eliminates the need to disable mouse acceleration on Windows® and Macintosh® target devices connected via a DSAVIQ-USB2 module. Note: This appliance firmware will cause DSAVIQ-USB2 modules to automatically update.
4. Added the capability to configure network settings via the OSCAR® graphical user interface.
5. Added support for DSR switch-based LDAP user authentication via the OBWI, DSR Remote Operations Software, and the OSCAR interface.
6. Added support for virtual media via the OBWI.
7. Added support for the HP AF605A module for seamless access to HP® c-Class blade servers.
8. Added the ability to enable or disable SNMP via the OBWI.
9. The OSCAR interface displays four-digit version numbers by default.
10. Updating the network configuration no longer requires the DSR switch to reboot for the changes to become active.

Fixes

This release contains the following fixes:

1. Corrected issue where IQ module name was editable by a user via the OBWI.
2. Corrected issue where the KVM video viewer would blink when set to full-screen mode and connected to a 1280x1024 resolution target device.
3. Corrected issue where an appliance administrator received an insufficient access rights error when using the local port to access a target device on a cascaded switch.
4. Corrected issue where the DSAVIQ-USB2 module's mouse was not detected by the LSI RAID card's WebBIOS.
5. Fixed a security vulnerability in the GoAhead Webserver Directory Management Policy.

=====
Known Issues
=====

This release contains no known issues.

=====
FLASH Update Failure Recovery
=====

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.