

DSR® x02x/x03x Switch Appliances
 Firmware Release Notes
 Version 3.6.0.14 or 3.6.6.14 (depending on product)
 July 1, 2008

This document outlines:

1. Update Instructions
2. 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 switch.

Important Note:

If the DSR switch currently has a firmware version *earlier* than 3.2.0.17 (or 3.6.2.17 for DSR1020, DSR2020, or DSR4020 switches) then the switch 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.

DSR Support Plug-in for DSView® 3 Management Software

Starting in DSView 3 software version 3.6, the DSR switch support is delivered via a plug-in. Please ensure the latest DSR Support plug-in is loaded if using DSView 3 software.

=====

Firmware Version and Language Support Information

=====

The following DSR switches are supported with this update:

Switch	English	Spanish	French	German	Italian
DSR1021 DSR1022	DSR1021_3.6.0.14_en.fl	DSR1021_3.6.0.14_es.fl	DSR1021_3.6.0.14_fr.fl	DSR1021_3.6.0.14_de.fl	DSR1021_3.6.0.14_it.fl
DSR1024	DSR1024_3.6.0.14.fl	N/A	N/A	N/A	N/A
DSR1031	DSR1031_3.6.0.14_en.fl	DSR1031_3.6.0.14_es.fl	DSR1031_3.6.0.14_fr.fl	DSR1031_3.6.0.14_de.fl	DSR1031_3.6.0.14_it.fl
DSR1020 DSR2020 DSR4020	DSR4020_3.6.6.14_en.fl	DSR4020_3.6.6.14_es.fl	DSR4020_3.6.6.14_fr.fl	DSR4020_3.6.6.14_de.fl	DSR4020_3.6.6.14_it.fl
DSR8020	DSR8020_3.6.0.14_en.fl	DSR8020_3.6.0.14_es.fl	DSR8020_3.6.0.14_fr.fl	DSR8020_3.6.0.14_de.fl	DSR8020_3.6.0.14_it.fl
DSR1030 DSR2030 DSR4030 DSR8030	DSRx030_3.6.0.14_en.fl	DSRx030_3.6.0.14_es.fl	DSRx030_3.6.0.14_fr.fl	DSRx030_3.6.0.14_de.fl	DSRx030_3.6.0.14_it.fl
DSR2035 DSR8035	DSRx035_3.6.0.14_en.fl	DSRx035_3.6.0.14_es.fl	DSRx035_3.6.0.14_fr.fl	DSRx035_3.6.0.14_de.fl	DSRx035_3.6.0.14_it.fl

Enhancements

This release contains the following enhancements:

1. Added support to disable the local port OSCAR® graphical user interface (GUI) configuration buttons (Setup, Commands, and Clear) via DSView 3 software.
Note: This feature requires DSView 3 software version 3.6 or later.
2. Added support for “auto-discovery” to enable the DSR switch to register itself with DSView 3 software as an “unmanaged” device.
Note: This feature requires DSView 3 software version 3.6 or later.
3. Optimized the DSR switch’s video mode detection algorithm to detect the target device’s video mode and display remote video more quickly so the user can see the POST (Power-On Self Test) and BIOS screens on faster booting computers.
4. Added support to dynamically enable and disable secure mode on a DSR switch from DSView 3 software. Previously, this required removing the switch from DSView 3 software and adding again.
Note: This feature requires DSView 3 software version 3.6 or later.
5. Added support for the Avocent iKVM switch integrated into the Dell® PowerEdge® M1000e Modular Blade Enclosure to provide seamless access to each of 16 server blades and the Dell Chassis Management Controller (CMC).
Note: The iKVM switch may require a firmware update to support this functionality.
6. Updated the Onboard Web Interface (OBWI) help link to point to an online version of the user manual.

Fixes

This release contains the following fixes:

1. Resolved issue where target devices on an AutoView® switch cascaded via the RJ45 ACI ports from a DSR switch could not be selected from DSView 3 software.
2. Resolved usability issues in the OSCAR GUI IP Setup screen to allow the user to leave the gateway field blank to specify no default gateway.
3. The IP address fields on the serial setup console’s network configuration menu are now hidden when the IP configuration is set to “None.”
4. Resolved issue where a DSR switch in IPv6 mode is removed from DSView 3 software; the switch was left in secure mode preventing it from being discovered by another DSView 3 software system.
5. Resolved issue on DSR8020 and DSR8030 switches where the local port user could not connect to a target device if four (4) unshared remote KVM sessions were active.

6. Resolved issue where characters were dropped when typing extremely fast. The switch now supports typing at up to 1800 characters per minute.
7. Resolved issue where portions of the DSR switch's Avocent-proprietary SNMP MIB were readable via an SNMP walk utility. The entire Avocent-proprietary MIB is now only accessible via DSView 3 software.

=====

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.