

Vertiv™ Avocent® MergePoint Unity™ KVM over IP and Serial Console Switch for Dell Firmware Release Notes

VERSION 2.8.3 UPDATE, NOVEMBER 25, 2020

Release Notes Section Outline

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1. Update Instructions

For detailed instructions on updating your switch, please refer to your user documentation.

2. Appliance Support Information

The following appliances are supported with this release.

MERGEPOINT UNITY™ SWITCH	FIRMWARE
DMPU108E	FL0651-AVODELL-2.8.3.25691.fl
DMPU2016	FL0651-AVODELL-2.8.3.25691.fl
DMPU4032	FL0651-AVODELL-2.8.3.25691.fl

NOTE: For CentOS targets, use a single or dual mouse cursor with AMS disabled.

3. Enhancements

This release adds the following enhancements:

- Added serial support for the following Power Distribution Units (PDUs):
NOTE: See the following [Connecting to a Geist™ PDU](#) section for details on connecting an Avocent® MergePoint Unity™ switch for Dell to a Geist™ PDU.
 - Geist™ PDUs with an IMD-3E-S controller, with firmware version 5.4.0 or higher.
 - Legacy Geist™ R-series PDUs with an RS-232 port.
- Added support to enroll the appliance in the Avocent® DSView™ 4.5 management software [Service Pack 10 (SP10) or higher] with 2048-bit certificate.
 - The On-Board Web Interface (OBWI) menu option is located by selecting *Sessions-General-Security*.
 - The default is 1024-bit.

- HTML5 viewer changes:
 - Added Copy/Paste text feature.
 - Alternate key to exit full screen is now **F10**.
NOTE: The user may configure a different key (F1-F24).
- Improved product security.

Connecting to a Geist™ PDU

To connect an Avocent® MergePoint Unity™ switch for Dell to a Geist™ PDU:

1. Configure the Geist™ PDU serial port for 38400.
2. On the PDU, create an administrator user account for use by the Avocent® MergePoint Unity™ switch, then enter those login credentials into the Avocent® MergePoint Unity™ switch via the Power Devices page.
3. Using a rollover/null modem cable, connect the Geist™ PDU serial port to the Avocent® MergePoint Unity™ switch PDU port.

4. Fixes

- Fixed issue with not detecting Smart Card (SCR331-LC1) when connected to the KVM switch (L3 #CAS-14552-D6G8G7).
- Fixed issue with Omnikey 3121 CAC Reader not working (L3 #CAS-16516-C3R5C9).
- Fixed issue with no video signal on Intel NUC 7 HDMI targets during boot sequence (L3 #CAS-02312-C0N7Z4, #CAS-10908-Z9D9J4).
- Fixed video/distortion issue with multiple open remote KVM sessions.
- Fixed issue with HTML5 viewer not working with a 4096-bit web certificate (L3 #CAS-24451-R7Q0S4).

5. Notes

If the appliance is going to be enrolled in the Avocent® DSView™ management software, firmware version 2.8.3 requires Avocent® MergePoint Unity™ switch for Dell plug-in version 2.3.7.

6. Client/Browser Information

NOTE: Microsoft Internet Explorer versions 8 and 9 are no longer supported as client browsers.

The following chart indicates the latest version tested.

SOFTWARE	VERSION
Java	1.8.0.201
Internet Explorer	11
Firefox	77.0.1 (64-bit)
Firefox ESR	60.3.0 ESR (64-bit)
Chrome	83.0.4103 (64-bit)

7. Flash Update Failure Recovery

If the switch doesn't boot into the new firmware after a Flash procedure, it is possible to revert to the previous firmware version.

To revert to the previous firmware version:

1. Connect a serial cable to the Setup port on the rear panel of the switch.
2. Run a terminal program on the PC connected to the Setup port. The serial port settings should be: 9600 baud, 8 data bits, 1 stop bit, no parity and no flow control.
3. Turn on the switch.
4. Press any key when the *Hit any key to stop autoboot* prompt appears in the terminal program.
5. Once a menu is displayed in the terminal program, press **1** to select Boot Alternate, and then press **Enter**.
6. The switch will then reboot to the previous version automatically.