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

VERSION 2.14.0, JANUARY 2025

Release Notes Section Outline

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1. Update Instructions

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

WARNING: After upgrading to version 2.12.4 or newer firmware, the Vertiv™ Avocent® MergePoint Unity™ switch cannot be downgraded to a firmware version earlier than 2.12.4. For more information, contact Technical Support.

- Attaching the Vertiv™ Avocent® MPUIQ-VMC or DSRIQ-VMC module to a Windows target may require the USB CCID driver to be installed. If you are prompted by the Windows New Hardware Wizard, select the *Next* button.

- For Vertiv™ Avocent® Power Management 2003, 2006, 2024, 3003, 3006 and 3024 Power Distribution Units (PM PDUs), version 1.10 firmware or higher is required to manage the PDU from the Vertiv™ Avocent® MergePoint Unity™ switch.

2. Appliance Support Information

The following appliances are supported with this release

VERTIV™ AVOCENT® MERGEPOINT UNITY™ SWITCH	FIRMWARE
MPU104E	FL0620-AVO-2.14.0.26173.fl
MPU108E	FL0620-AVO-2.14.0.26173.fl
MPU108EDAC	FL0620-AVO-2.14.0.26173.fl
MPU1016	FL0620-AVO-2.14.0.26173.fl
MPU1016DAC	FL0620-AVO-2.14.0.26173.fl
MPU2016	FL0620-AVO-2.14.0.26173.fl
MPU2016DAC	FL0620-AVO-2.14.0.26173.fl

VERTIV™ AVOCENT® MERGEPOINT UNITY™ SWITCH	FIRMWARE
MPU2032	FL0620-AVO-2.14.0.26173.fl
MPU2032DAC	FL0620-AVO-2.14.0.26173.fl
MPU4032	FL0620-AVO-2.14.0.26173.fl
MPU4032DAC	FL0620-AVO-2.14.0.26173.fl
MPU8032	FL0620-AVO-2.14.0.26173.fl
MPU8032DAC	FL0620-AVO-2.14.0.26173.fl

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

3. Features and Enhancements

The following features and enhancements are available with this release of the Vertiv™ Avocent® MergePoint Unity™ switch.

- Added support for the integration of the Vertiv™ Avocent™ DSView™ Solution.

  NOTE: The Vertiv™ Avocent® MergePoint Unity™ switch must be at firmware version 2.14.0 or higher to be managed by the Vertiv™ Avocent® DSView™ Solution.

- Added the following product security enhancements:
  - Added an option to allow SSH (port 22) to be disabled.
  - Added an option to allow the HTTP Strict Transport Security Max-Age to be configured.
  - Disabled the Internet Control Message Protocol (ICMP) timestamp responses to address the ICMP Timestamp Request Remote Date Disclosure vulnerability.

4. Notes

If the appliance is going to be enrolled in the Vertiv™ Avocent® DSView™ management software, firmware version 2.14.0 requires Vertiv™ Avocent® MergePoint Unity™ switch plug-in version 2.10.1.

5. Known Issues

This release contains the following known issue:

- In order to share HTML5 sessions, sharing with stealth must be enabled.

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	1.8.0.291
Internet Explorer	11
Firefox	107.0 (64 Bit)
Chrome	108.0.5359.125 (64 Bit)
Edge	108.0.1462.54 (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 Vertiv™ Avocent® MergePoint Unity™ 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 Vertiv™ Avocent® MergePoint Unity™ switch.
4. Press any key when the *Hit any key to stop autoboo*t 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 Vertiv™ Avocent® MergePoint Unity™ switch will then reboot to the previous version automatically.

8. Java Viewer Session Expired Certificate Information

Java KVM viewer session certificates existing in older firmware versions expired on March 6, 2024. After that date, Java prevented KVM sessions from launching unless you update to the newest firmware or edit the Java Console Security settings on each client computer by adding the appliance IP address in the Exception Site List.

NOTE: Currently installed ActiveX viewers are not affected and are able to continue using the expired certificate.