

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

VERSION 2.10.0, JULY 23, 2021

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 1.18.0.x, the Vertiv™ Avocent® MergePoint Unity™ switch cannot be downgraded to a firmware version earlier than 1.18.0.x. For more information, contact Technical Support.

- Attaching the 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-2.10.0.25829.fl
MPU108E	FL0620-AVO-2.10.0.25829.fl
MPU108EDAC	FL0620-AVO-2.10.0.25829.fl
MPU1016	FL0620-AVO-2.10.0.25829.fl
MPU1016DAC	FL0620-AVO-2.10.0.25829.fl
MPU2016	FL0620-AVO-2.10.0.25829.fl

VERTIV™ AVOCENT® MERGEPOINT UNITY™ SWITCH	FIRMWARE
MPU2016DAC	FL0620-AVO-2.10.0.25829.fl
MPU2032	FL0620-AVO-2.10.0.25829.fl
MPU2032DAC	FL0620-AVO-2.10.0.25829.fl
MPU4032	FL0620-AVO-2.10.0.25829.fl
MPU4032DAC	FL0620-AVO-2.10.0.25829.fl
MPU8032	FL0620-AVO-2.10.0.25829.fl
MPU8032DAC	FL0620-AVO-2.10.0.25829.fl

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

3. Enhancements

This release adds the following enhancements:

- Added a default setting option for the On-Board Web Interface (OBWI) KVM Session pull-down menu on the Target list:
 - The default setting option is located by selecting *Sessions- KVM page*.
 - The default is JAVA/ActiveX until the user selects *HTML5*.
- Added an OBWI option in the *Sessions-General-Security* menu to enable/disable Port 3871:
 - The default setting is Enabled.
 - The *User Accounts-DSView* menu is removed if Port 3871 is Disabled.
- Improved product security.

4. Fixes

- Updated Java and ActiveX viewer certificates; see section 9 of these release notes for more information.
- Fixed issue with the Vertiv™ Avocent® MergePoint Unity™ switch rebooting randomly when using LDAP authentication (L3 #CAS-29304-C8J9L5).
- Fixed issue with the Vertiv™ Avocent® DSView™ management software reporting Loss of Comm. Messages (LCM) with Vertiv™ Avocent® MergePoint Unity™ switches (L3 #CAS-16793-Q5T6K9).
- Fixed issue with Import/Export Target Device Configuration.

5. Notes

If the appliance is going to be enrolled in the Avocent® DSView™ management software, firmware version 2.10.0 requires Avocent® MergePoint Unity™ switch plug-in version 2.10.0

6. Known Issues

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

7. 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	89.0 (64-bit)
Firefox ESR	60.3.0 ESR (64-bit)
Chrome	91.0.4472 (64-bit)
Edge	91.0.864.48 (64-bit)

8. 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.

WARNING: After upgrading to version 1.18.0.x, the Avocent® MergePoint Unity™ switch cannot be downgraded to a firmware version earlier than 1.18.0.x. For more information, contact Technical Support.

To revert to the previous firmware version:

1. Connect a serial cable to the Setup port on the rear panel of the 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 Avocent® MergePoint Unity™ 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 Avocent® MergePoint Unity™ switch will then reboot to the previous version automatically.

9. Java Viewer Session Expired Certificate Information

Java KVM viewer session certificates existing in older firmware versions are expiring on September 26, 2021. After that date, Java will prevent 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 will be able to continue using the expired certificate.