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# Avocent® MergePoint Unity™ KVM Over IP and Serial Console Switch

## Firmware Release Notes

### Version 1.32.0

### April 29, 2016

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This document outlines:

1. Update Instructions
2. Appliance Support Information
3. Enhancements
4. Fixes
5. Client / Browser Information
6. Flash Update Failure Recovery

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## 1. Update Instructions

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

**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.

- 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 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 Avocent® MergePoint Unity™ switch.

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## 2. Appliance Support Information

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The following appliances are supported with this release.

MergePoint Unity™ Switch	Firmware
MPU104E	FL0620-AVO-1.32.0.24546.fl
MPU108E	
MPU108EDAC	
MPU1016	
MPU1016DAC	
MPU2016	
MPU2016DAC	
MPU2032	
MPU2032DAC	

MergePoint Unity™ Switch	Firmware
MPU4032	FL0620-AVO-1.32.0.24546.fl
MPU4032DAC	
MPU8032	
MPU8032DAC	

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

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### 3. Enhancements

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- Appliance web certificate supports SHA-256 cryptography
- RC4 cipher removed from Port 443 [On-Board Web Interface (OBWI)]
- Required to support JAVA 8-based Avocent® DSView™ management software, version 4.5. SP5 (Service Pack 5), and Avocent® MergePoint Unity™ switch plug-in, version 1.32
- Compatible with JAVA 7-based DSView™ software from version 4.5.0.108 to 4.5.0.247
- Improved product security

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### 4. Fixes

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- L3 #487234-537642609:Unable to load web certificate via the OBWI Manage Web Certificate page
- L3 #487234-532725922:RC4 cipher found on Port 443
- L3 #487234-530706447:Replace obsolete SHA-1 with SHA-256 web certificate
- L3 #487234-497972466, L3 #487234-501397714, L3 #487234-512059695: PIV Smart Cards cannot log in with PIN

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### 5. Client / Browser Information

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**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	Version 8 Update 77
Internet Explorer	11
Firefox	44

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Software	Version
Firefox ESR	24.1
Chrome	46

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## 6. Flash Update Failure Recovery

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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.
3. The serial port settings should be: 9600 baud, 8 data bits, 1 stop bit, no parity and no flow control.
4. Turn on the Avocent® MergePoint Unity™ switch.
5. Press any key when the *Hit any key to stop autoboot* prompt appears in the terminal program.
6. Once a menu is displayed in the terminal program, press **1** to select Boot Alternate, and then press **Enter**.
7. The Avocent® MergePoint Unity™ switch will then reboot to the previous version automatically.

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