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

Version 1.20.12

March 14, 2014

This document outlines:

1. Update Instructions
2. Appliance Firmware Version and Language Support Information
3. Enhancements
4. Fixes
5. Flash Update Failure Recovery

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

2. Appliance Firmware Version and Language Support Information

The following appliances are supported with this update.

Switch	English
MPU104E	FL0620-AVO-1.20.12.xxxxx.fl
MPU108E	
MPU108EDAC	
MPU1016	
MPU1016DAC	
MPU2016	
MPU2016DAC	

Switch	English
MPU2032	FL0620-AVO-1.20.12.xxxxx.fl
MPU2032DAC	
MPU4032	
MPU4032DAC	
MPU8032	
MPU8032DAC	

3. Enhancements

- Traditional Chinese translation supported in OBWI
- Customer-generated web certificates supported

4. Fixes

- Java 7 Update 51 blocking KVM and Serial sessions
- MPUIQ-VMCHS module country code does not change to reflect language setting of the appliance
- L3 487234-300906575- resolution 1680 x 1050 not working with Dell R720 (Windows 2008)
- Increase the maximum login time-out value from 120 seconds to 500 seconds. The default value will remain 120 seconds.
- L3 65698269, 65720656- LDAP external authentication no longer works for group attributes after upgrading to 1.14.0.
- L3 65720949, 65721930- LDAP users logging in may trigger a reboot of the appliance if the LDAP directory server configuration strings are greater than 64 characters in length. Issue may be seen after upgrading to 1.14.0 or higher.
- L3 65722614 – LDAP users cannot login with Secure LDAP Enabled (Port 636).
NOTE: Standard LDAP (Port 389) users are able to log in as expected. Issue occurs after upgrading to 1.14.0 or higher.

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

To revert to the previous firmware version:

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

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