

Markvision Enterprise (MVE) Release Notes (4.1.1)

New and Noteworthy

- **Updated log4j version to 2.17.0 to address several vulnerabilities.**
- Addition of Microsoft CA Server Enterprise Support using MS CEWS. This is in preview only.
- Add ability to attach settings file (UCF/VCC) and .fls file to a configuration.
- Changed to Zulu Open JDK instead of Oracle JDK.
- Added TLS 1.3 support to MVE's web server.
- Added support 3-in-1 Models.
- An audit will now obtain all network port details of the printer.
- Add ability to filter for IP Addresses in the Discovery Profile.
- Added property file setting to configure LDAP query timeout setting.
- Added a default retention/purge policy for System Log entries.
- Unicode Character Support in user passwords for Installer.

Bug Fixes

- Can't audit some printers when in paper out condition.
- Re-discovery causing duplicate printer with "dummySerialNumber".
- Unable to audit some printers with no security when port 80 is closed.
- Update Password Policy for MVE accounts.
- 500 Internal Server occurs when specific Save search is edited and Run.
- MF__PRINT_TO_USB__DISABLE__USB name should be as per EWS.
- Added missing settings for TCP/IP ports: WS-Discovery, WS-Eventing.
- Enforcement fails when setting Custom 3 Scan Size Width is sent to some printers.
- Enable Network Connections' Settings.
- Enforcement for the Paper setting 'Heavy Glossy Weight' fails.
- Energy Efficient Ethernet settings missing in Manual and Cloned configuration.
- Supply: Black Cartridge: End Of Life Behavior is missing value.

Known Issues

- When executing a silent installation using the parameter `--mveLexmark_runas SPECIFIC_USER`, the setting is ignored and Markvision service is set to run under the local system account. Editing the service properties manually will fix this issue and a bug fix in the next release will rectify the code problem.
- Some versions of firmware for printers with fax support released after 2016 will remove the Fax Security Function Access Control and permissions if the Fax Mode is set to disabled and the printer is restarted. This can cause enforcement or conformance checks for configurations with the Fax FAC enabled to fail.
 - Firmware fixes for this issue are available in 073.245 or higher.

- For some versions of firmware for printers with fax support released after 2016, the Fax settings cannot be cloned. This will be fixed in the 7.5 version of firmware. Meanwhile fax settings can be manually edited and enforced.
- The SNMP V3 setting “Context Name” is not supported in any configuration. If a string is added to set the Context Name in the printer’s web page, this will cause MVE to fail nearly all management operations due to a limitation in how firmware creates the USM user when MVE tries to enroll with the device.
- Variable settings files cannot be deleted directly from the list shown in the UI. De-select references to the settings file, then remove the settings file from the filesystem of the server hosting MVE.
- In some cases, legacy protocols (LST – TCP 6110/UPD 6100) may be inadvertently invoked for printers released after 2016. These protocols are not supported by the printer, so it will have no effect on the device. In some specific instances, this can affect the overall performance of operations like Collect Current Status.
- Configurations for some models include both a Quality: Print Darkness setting and a Toner Darkness and Color Saver setting. If not setup properly, these values will conflict, and conformance checks will fail.
- Changing the NTP server setting does not immediately update the time on the printer. In some cases, a restart of the printer may be required.
- Licenses are not included in configuration exports.
- MVE doesn’t support adding applications with trial licenses to the resource library.
- When LDAP is enabled for authentication with *Binding type* set to *Kerberos* and *Authentication Type* set to *Kerberos authentication*:
 - attempts to login to MVE with a valid user that does not have MVE permission will NOT result in a User Log entry.
 - if the client machine does not include the MVE server in its *Local intranet* zone then an attempt to access MVE will result in a login page that will not allow the user to login.
- An Advanced Security Component containing a network account with LDAP setup is not supported for B3340, B3442, MS331, MS431, MB3442, MX331, MX431, MB3442, MX331, MX431, C3426, CS431.
- In Automated Certificate Management, automated CRL management for Microsoft CA Enterprise is not supported.
- Importing versions of Downloadable Emulation (e.g., IPDS, Prescribe, FMBC, etc.) firmware prior to EC 7.2 version 0.30 to the resource library will cause an exception when trying to list available firmware for use in a configuration. This exception prevents any firmware from being selected for use in a configuration until the offending Firmware is removed.
- For Microsoft Certificate Authority server using the SCEP, the challenge password is not supported. Recommendation is to use CEWS.
- HTTPS is not supported in Automated Certificate Management using SCEP protocol.
- Authenticating to e-mail servers from MVE using HTTPS is not yet supported.
- Conformance checks fail for MS810 when apps are added as part of a configuration.
- Enforcement can fail if there are certain eSF apps on the printer. Increasing the timeout and/or retry conditions may help mitigate this problem. Edit the `{$INSTALL_DIR}\apps\dm-mve\web-inf\classes\transportParameter.properties` file and add the values:

- npa.offline_mode.retries = 5
- npa.online_offline_polling_interval = 5000 (value in ms) [increase this value in increments of 1000, (i.e., 5 seconds = 5000)]
- Some tasks might appear to get stuck at 99% although the task is actually complete. A restart of the MVE service will resolve this.

Browser Quirks

- At times IE11 will prevent users from downloading files from MVE. In these cases, you may need to enable file downloads in your security settings.
- Safari doesn't support the task badge showing the number of running tasks on the server
- When editing a view in IE11 any column added to the view remains in the possible columns list.