MDRM Release Notes

Version: 4.6.7.1
Release Date: 2025-11-28

1. Overview

This release focuses on simplifying the process of adding and managing dashboard widgets, along with a comprehensive improvement in data visualization to enable more intuitive monitoring of operational status. New usability features such as the workflow table view and system groups have also been introduced to help users build operational automation environments more easily and efficiently. In addition, overall system stability and reliability have been enhanced to improve the quality of operations.

2. What's New

[Login & Account Management]

- Added LDAP integration to support MDRM login and centralized account management.

[Dashboard & Widgets]

- Introduced new features to simplify the process of adding and managing dashboard widgets.
- Added new widgets
    - Daily Schedule Status widget
    - Schedule Calendar widget
    - Workflow Execution Step widget
- Added new types to the categorized workflow progress widget.
- Added options to configure widget background colors and reset widget styles.

[Workflow]

- Added system group functionality to enable easier management of workflows for specific servers.
- Added a table view to allow faster input and verification of required component parameters, making workflow configuration easier.
- Added support for viewing real-time execution logs of workflow components.

- Added scheduling and timer components.
- Added a list view for workflow execution.

[Settings]

- Added the ability for users with the **Administrator** role to lock user accounts.

3. Improvements

[Installation]

- Added support for a Podman-based container environment during MDRM installation.
- Added an option to manually configure the management server connection port during installation.

[Dashboard]

- Expanded the dashboard layout to an 8×16 grid to improve widget placement flexibility.
- Improved widget scaling support, allowing zoom levels of up to 400%.

[Workflow]

- Added an option to proceed to the next step when a link component fails during execution.
- Added bulk control actions (skip, stop, mark as success, retry, etc.) via right-click after selecting multiple components during workflow execution.
- Added an option to exclude script content from procedure documents and execution result reports.

[Scan]

- Improved the ability to configure variable values for inspection items on a per-system basis.
- Improved execution results to allow comparison between previous and current values.

[Settings]

- Improved administrator capabilities to configure workflow notification settings for other users.
- Improved configuration options for log retention periods and deletion schedules managed by MDRM.
- Improved SMS notification support by providing both database-based and API-based delivery methods.

[Security]

- Updated open-source libraries to address known security vulnerabilities.

[System]

- Improved the container environment to allow execution of PowerCLI scripts on the MDRM (GAM) server.

4. Bug Fixes

[Dashboard]

- Fixed an issue where the Monthly Schedule Execution Status widget displayed data for only the most recent month.
- Fixed an issue where elapsed time was not displayed correctly in the Time Recorder widget.
- Fixed an issue where dashboard widgets failed to load after changing the MDRM port.

[System]

- Fixed an issue where monitoring plugins were not installed during system import.

[Workflow]

- Fixed an issue where variable values were not passed correctly and execution failed when resuming a paused workflow containing link components with variables.
- Fixed an issue where skipped link components could be resumed from the list view after full execution.
- Fixed an issue where configured Telnet and VMware credentials did not function correctly in workflows.
- Fixed an issue where workflows running within a system group could be moved to a different system group.

- Fixed an issue where multiple OpenStack projects could not be distinguished.

[Notifications]

- Fixed an issue where email and SMS notifications were not triggered when system triggers occurred.

[Miscellaneous]

- Fixed an issue where command execution failed via the "Custom Command Execution" component after restarting an Agent server.

5. Known Issues

No known issues have been identified under normal operating conditions.

6. Upgrade Notes

This release does not require any additional configuration changes after upgrade.

7. Compatibility / Requirements

Supported Operating Systems (Official Installation Support)
- Red Hat Enterprise Linux: 7, 8, 9
- CentOS: 7, 8, 9
- Ubuntu (LTS only): 16.04, 18.04, 20.04, 22.04, 24.04

Container runtime

- Recommended: Docker 20.x+ (Docker Compose 1.29.2)
- Supported: Podman 5.x with Podman Compose (Podman 3.0+)

Minimum system requirements

- CPU: 6 cores (or higher)
- Memory: 12 GiB (or higher)