Rocket MultiValue Integration Server

Release Notes

Version 1.3.0

March 2021
MVIS-130-RN-01

Contents

MVIS 1.3.0 Release Notes

This section summarizes the significant enhancements and updates for Rocket MVIS 1.3.0.

For additional information, see the *Rocket MVIS Installation and User Guide*.

New features in 1.3.0

- **Vanity URLs:** Vanity URLs allow you to provide a more descriptive, identifiable name alias for APIs rather than using the existing data resource or subroutine name. This enables consumers of the API to more readily identify what an API provides. For more information on Vanity URLs, see the *Rocket MVIS Installation and User Guide*.

- **OAuth:** OAuth provides delegated authorization for REST/APIs which enables apps to obtain limited access to a user's data without defining new users. It essentially decouples authentication from authorization. For more information on OAuth, see the *Rocket MVIS Installation and User Guide*.

- MVIS version 1.3 has been certified on UniVerse 12.1.1.

Enhancements and Fixes

Enhancements

Issue	Description	Components
MVIS-1993	Enhanced MVIS security by forcing users to properly configure SSL on an account before testing the connection to that account. The user now must explicitly enable or disable SSL before testing the connection.	CMAdminUI
MVIS-2173	Enhanced the MVIS u2wde conversion tool to convert the properties in the Web DE `application.properties` file (in addition to the properties in the Web DE `javascheduler.ini` file) into the MVIS cm.ini file.	MV Connection Manager
MVIS-2180	Enhanced MVIS by certifying MVIS version 1.3 on UniVerse 12.1.1.	Consumability
MVIS-2242	Enhanced the MVIS u2wde conversion tool to convert the properties in the WebDE `application.properties` file (in addition to the properties in the Web DE `javascheduler.ini` file) into the MVIS `cm.ini` file.	REST

Issue	Description	Components
MVIS-2254	Enhanced MVIS by adding the new SB Connections tab in the Account Configuration screen of the MVIS Web Admin UI. The SB Connections tab has input fields for SB User Id, Password and System ID as well as a Test SB Credentials button. In addition to changes made in MVIS, there is the requirement for a change to the SBXA subroutine `SB.REMOTE.DBCLIENT`. The change to `SB.REMOTE.DBCLIENT` is available in SBXA 6.5.6 and has also been made available as hot fix 6.5.4.6901.	Integrations
MVIS-2390	Enhanced MVIS by upgrading the Jetty web server to jetty-9.4.24.v20191220.	CMAdminServer, Integrations, MVIS

Fixes

Issue	Description	Components
MVIS-1974	Corrected an issue where, after successfully compiling and cataloging a subroutine, if errors were introduced into the source code, then compiling and cataloging the subroutine again would still complete successfully. Conversely, after unsuccessfully compiling and cataloging a subroutine, if the errors were fixed in the source code, then compiling and cataloging the subroutine again would still fail.	MV Connection Manager
MVIS-2114	Corrected an issue where, when attempting to shut-down MVIS in a situation where a subroutine is actively running and Graceful Shutdown is enabled, shut-down did not occur immediately at the end of the configured graceful shutdown time. This issue has been resolved and MVIS now properly shuts-down when the configured graceful shutdown time is reached.	MV Connection Manager
MVIS-2202	Corrected an issue where the MVIS installation failed with the message `ERROR: 'charmap' codec can't decode byte 0x90 in position 1: character maps to <undefined>` on the French version of Windows server as the result of an encoding issue.	MVIS
MVIS-2206	Corrected an issue where MVIS uninstalls and upgrades would fail on Windows implementations when in the process of removing the MVCM environment variable. Uninstalls and upgrades now successfully complete and the MVCM environment variable is properly removed.	Installation

Issue	Description	Components
MVIS-2207	Corrected an issue where the Swagger definition created for Data Resources defined the key field as being of type Integer, which prevented the use of the Swagger UI when the key value was a string. This issue has been resolved and the key field in the Swagger definition is now generated as type String.	MVIS
MVIS-2288	MVIS installation fails on Windows with Python 3.8. This issue has not been resolved in MVIS 1.3.0. However, a Knowledge Base article on the Rocket Customer Portal provides a work-around for the issue: Article # 000017690 - MVIS Install Fails When Using Python 3.8 or Later On Windows. Solution: Execute `pip install -U pywin32`	Installation, Python
MVIS-2463	Corrected an issue where, when the time taken to receive a response from a subroutine execution exceeded the value for "Execution Timeout" in Account configuration (*executionTimeout* in `cm.ini`), the appropriate error message was not sent immediately upon timing-out. `(HTTP) 408 Request Timeout` is now sent immediately.	MVIS, Performance
MVIS-2470	Corrected an issue where, in MVIS v1.2.,1 the set up of SSL between the MVIS server and the U2 server was incorrectly linked to the configuration of an SSL connection from the client application to the MVIS server. In MVIS v1.3.0, the setup of SSL connection to the U2 server has been reworked, resulting in changes to the UI, properties in cm.ini and the documentation related to those properties. Please refer to the latest documentation when configuring SSL connections.	CMAdminServer, Security
MVIS-2473	Corrected an issue where specifying an invalid `cm.ini` config file location when staring the cm container, causing the container to crash upon start up, did not return a clear reason for the failure. The log now returns the errors: ▪ `Failed to get CM general configuration. Reading configuration error` ▪ `Error reading the config Specified_cm.ini`	MVIS
MVIS-2482	Corrected an issue where after starting Performance Statistics logging, logs were not being properly generated.	MV Connection Manager

Issue	Description	Components
MVIS-2507	Corrected an issue where, when adding a new account to MVIS using the MVIS Web Admin UI, the *uoClientValidationEnabled* value in the `cm.ini` file was incorrectly defaulting to enabled (True). This issue has been resolved and the *uoClientValidationEnabled* value now defaults to disabled (False).	CMAdminUI
MVIS-2516	Corrected an issue where the paths to the jar files referenced in the `start-cm.sh` and `stop-cm.sh` scripts were incorrect in cases where MVIS was deployed via a Docker container. This issue has the resolved by correcting the path references.	Containers
MVIS-2519	Corrected an issue where importing a U2REST definition .zip file into MVIS failed on Linux implementations.	REST
MVIS-2640	Corrected an issue where the MVIS REST server would automatically attempt a connection to a disabled account if server side logging was enabled for the account.	Consumability, REST
MVIS-2821	Removed the **Arrange Location** button from the Dynamic Array definition screen because it was determined that it could destroy work preformed when previously defining an array for use with a subroutine by changing the position of elements in the array. The functionality provided will be replaced by the ability to sort the elements by the **Location** column in a future release.	REST
MVIS-2958	In v1.2.1.1254, the version of the Jetty web server was upgraded from 9.2.1.v20150310 to 9.4.25.v20191220. This resulted in an error when a KeyStore contained multiple certificates or if the single certificate had multiple Subject Alternative Names. This issue is resolved in v1.3.0.	REST, Security

Notices

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Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

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