

# MSActivator

## 2.6 Release

The focus of the 2.6.0 release of MSActivator™ is on backend improvements, quality fixes, and performance increases.

This includes a few changes related to the architecture such as adding a new container dedicated to the monitoring of the managed entities, upgrading Kibana to a more recent version, and replacing Wildfly with Spring Boot for the REST API.

Alarm performance has been improved with a much shorter delay between collecting the logs and triggering the alarm action.

This release also includes some manager and developer functionality enhancements such as a live filtering for the Kibana dashboard, a new variable type for the Microservices, and additional functions in the Python SDK for developing Workflows.

We hope you enjoy this release, and encourage you to upgrade to avail of all of the improvements listed below.

## MANAGER FEATURES

### BPM

The user can now change the display name of any of their BPMs, which will make it much easier for them to identify their BPMs in the BPM list. To change the name of a BPM, use the BPM editor.

### Alarm Performance

Improved alarm performance allows the user to reduce the alarm aggregation time, therefore reducing the delay between the collection of the event by the CoreEngine and the triggering of an alarm.

By default, the aggregation time is set to 10 seconds, but this can now be reduced as low as 2 seconds via the following new setting on the "Settings → MSA Variables" section of the portal:

Change UBI\_SMS\_CHECK\_ALERT\_PERIOD to 2 (or another higher value)

You will then need to restart the msa\_alarm container(s) for this configuration change to take affect:

```
docker container restart $(docker ps -q -f name=msa_alarm)
```

### Manager Dashboard and Kibana Dashboard

A live filtering mechanism has been added to the manager dashboard when a Kibana dashboard has to be displayed.

This mechanism makes sure that the data displayed by the Kibana dashboard is filtered based on the selected subtenant.

In addition, when using "Save as Global Setting" the super administrator user can configure a custom manager dashboard that will be visible by all other users.

Any other user with enough privileges can over overwrite the global setting of the dashboard and create its own custom dashboard.

### Download Monitoring Graph

For each managed entity, it is now possible to download each monitoring graph as an PNG image file.

## DEVELOPER FEATURES

### Workflow Python SDK

A few new functions have been added to the Workflow SDK for Python developer.

The new module ConfBackup provides a set of functions useful backing up and restoring the configuration of a managed entity.

The module Device has also been updated with a new function run\_jsa\_command\_device to execute adapter commands.

Please check the updated SDK documentation contained with the release for the API details on those new modules.

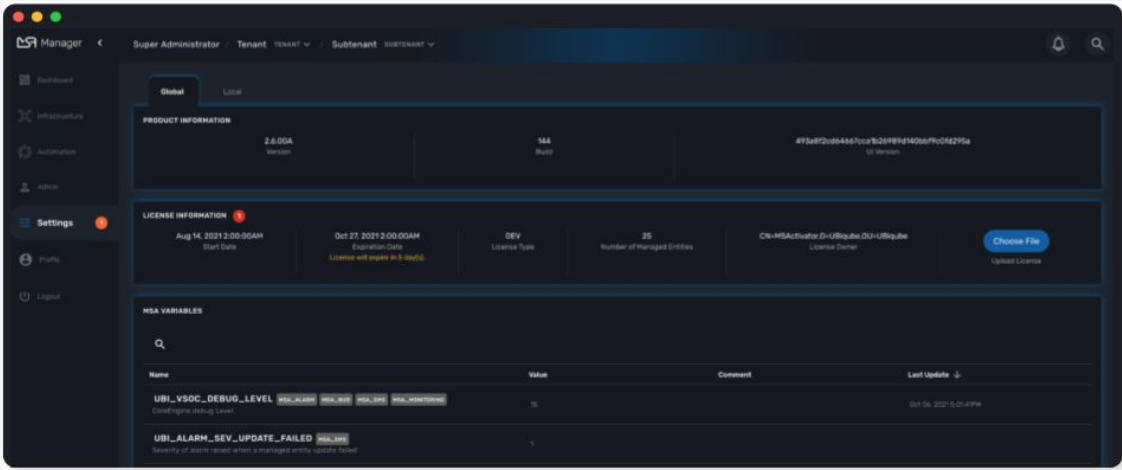
### Microservice Variable Type "Unique Value"

The "Unique Value" type has been added to make sure that, for each instance of a microservice associated to a managed entity, a value can only be assigned that has not been used already.

## ADMIN AND SETTINGS

### License Expiration Information

When a license is about to expire, the super admin user ncroot will get notified in the web portal and will also receive an email. This notification will happen when the expiration date is in less that 7 days than the current date.



### Enhanced Help Global Settings

MSActivator™ variables in the global "Settings" section have been reviewed to make sure that each variable description is as clear as possible, including any additional steps that may be required for each variable to take effect.

### Upgrade Script

The product upgrade script now stops and exits when a merge conflict is detected during the installation or upgrade of the libraries. The user will then be able to manually resolve the conflict by connecting to the msa\_dev container and use git commands.

Once all conflicts are resolved, the script can be executed again.

## ARCHITECTURE

- Several parts of the MSActivator™ have been upgraded to enhance the performances as well as the flexibility of the product.
- The API container now runs Spring Boot, replacing Wildfly. This provides a simpler, lighter and more efficient container.
  - The Kibana container has been upgraded from version 7.2 to version 7.13.
  - A new monitoring container, msa\_monitoring, has been added. This container is dedicated to KPI monitoring features that were included in the msa\_sms container in the previous versions.

## LIBRARIES AVAILABLE

The full list of workflows included in 2.6 is available [\[here\]](#).

*Note: these adapters, microservices and workflows are freely available through the OpenMSA community on GitHub.*

We need your involvement. Join us today! Help us to improve our product.

## DOCUMENTATION

All the docs you need are detailed online through our Admin Guides, Release Notes, Quickstart Tutorial, Manager Guide and Developer Guide [\[here\]](#).

## BUG FIXES

For specific bug fixes or additional features as related to JIRA tracking, please look [\[here\]](#).