



OX2OX Migration Framework Scheduler  
**Release Notes for Release** 2.1.0-rev18  
2023-02-23

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## 1 Shipped Version

OX2OX Migration Framework Scheduler 2.1.0-rev18

Find more information about product versions and releases at [http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning\\_and\\_Numbering](http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering) and <http://documentation.open-xchange.com/>.

## 2 Bugs fixed with this Release

This section provides a summary of bug fixes and changes that have been applied subsequently to shipping Release 2.1.0-rev17. Some of the announced bug fixes may have already been fixed at the existing code-base via Patch Releases.

### OMF-731 Orchestrator: java.lang.OutOfMemoryError: Java heap space

Status: Done

Root Cause Description:

The JVM starts up with the defaults in terms of memory allocation, which is not enough to process large lists of context IDs when creating windows.

Solution Description:

Specify a heap size to the JVM when starting from within the Docker container for the Orchestrator.

Resolution: Verification not Possible

Severity: 3

Components: Orchestrator

Source Directory: cli

### OMF-765 Scheduler fails to skip unknown attributes in batch response payloads

Status: Fixed

Root Cause Description:

The skipping of unsupported keys in the JSON payload of batch responses is faulty.

Solution Description:

Fix the skipping of unsupported keys and their values in the JSON payload of batch responses.

Severity: 3

Components: Scheduler

Affected Packages: open-xchange-omf-scheduler

### OMF-773 Bad Request response when querying window context mappings from a large window

Status: Done

Root Cause Description:

The {{window context mapping}} command first retrieves the list of all the contexts from all the batches of the given window, and then retrieves the context mapping information for each of those contexts in subsequent calls. Those calls can either be a single call with all the context ID (when no chunking is requested), or multiple calls requesting the context mapping information for a chunk of e.g. 50 contexts at once (when chunking is requested.) The chunking can be controlled using the {{-c}} parameter of that command. When applying the command to a Window with a lot of contexts but without asking it to chunk the context mapping requests, the second request to retrieve the context mapping exceeds the maximum size of an HTTP GET request and either the Scheduler or another upstream HTTP server component responds with 400 Bad Request.

Solution Description:

When the number of contexts exceeds a given threshold (e.g. 1000), automatically enforce the use of chunking.

Workaround:

Use the `{{-c}}` flag to specify a chunk size, e.g. `{{-c 100}}`

Resolution: Verification not Possible

Severity: 3

Components: Orchestrator

Source Directory: cli

## 3 Changes relevant for Operators

### 3.1 Changes of Behavior

#### **Change #OMF-768** Read response message headers and add to MDC

Status: Done

Resolution: Done

Components: Scheduler

Affected Packages: open-xchange-omf-scheduler

#### **Change #OMF-808** Create OMF Scheduler packages for Debian Bullseye

Status: Done

Resolution: Fixed

Components: Scheduler

Source Directory: build.gradle.kts

release-notes

## 4 Tests

Not all defects that got resolved could be reproduced within the lab. Therefore, we advise guided and close monitoring of the reported defect when deploying to a staging or production environment. Defects which have not been fully verified, are marked as such.

To avoid side effects, the shipped packages have gone through automated regression test on both, a Continuous Integration System and a dedicated server set-up for system and integration testing. All changes have been checked for potential side-effects and effect on behavior. Unless explicitly stated within this document, we do not expect any side-effects.

## 5 Fixed Bugs

[OMF-731](#), [OMF-765](#), [OMF-773](#),