



OX2OX Migration Framework Target  
**Release Notes for Release** 2.1.0-rev32  
2022-09-01

## **Copyright notice**

---

©2022 by OX Software GmbH. All rights reserved. Open-Xchange and the Open-Xchange logo are trademarks or registered trademarks of OX Software GmbH. All other company and/or product names may be trademarks or registered trademarks of their owners. Information contained in this document is subject to change without notice.

# Contents

<b>1</b>	<b>Shipped Version</b>	<b>2</b>
<b>2</b>	<b>Bugs fixed with this Release</b>	<b>2</b>
<b>3</b>	<b>Changes relevant for Operators</b>	<b>3</b>
3.1	Changes of Configuration Files . . . . .	3
3.2	Changes of Behavior . . . . .	3
<b>4</b>	<b>Tests</b>	<b>4</b>
<b>5</b>	<b>Fixed Bugs</b>	<b>4</b>

## 1 Shipped Version

OX2OX Migration Framework Target 2.1.0-rev32

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-rev31. Some of the announced bug fixes may have already been fixed at the existing code-base via Patch Releases.

### OMF-745 Presync with all mail or file failures covers the root cause

Don't abort during a pre sync so that at least mail or file can sync as much as possible. Allow early DDL import to fail because it's most likely intermittent and may succeed later on. It's only an optimization to do it during presync, but not a requirement as it will be done later on if it failed.

Status: Done

Root Cause Description:

file and mail pre sync were aborting the batch if one of them failed and the PhaseAbortedException was not properly handled. Early DDL import was failing the batch if it failed.

Solution Description:

Don't abort during a pre sync so that at least mail or file can sync as much as possible. Handle phase abort if cutover should proceed. Allow early DDL import to fail because it's most likely intermittent and may succeed later on. It's only an optimization to do it during presync, but not a requirement as it will be done later on if it failed.

Resolution: Verification not Possible

Severity: 3

Components: Worker General

Affected Packages: open-xchange-omf-worker

### OMF-753 Cutover with presync batches can get stuck during presync

Status: Done

Root Cause Description:

core bug MWB-1778

Solution Description:

Attempt to work around the issue by running the problem loop in a separate thread. Ignore the thread after some time if it becomes unresponsive.

Resolution: Verification not Possible

Severity: 3

Components: Worker General

Affected Packages: open-xchange-omf-worker

### OMF-755 Broken tests due to BatchResponseDeserializer NPE

Status: Done

Root Cause Description:

OMF-744 introduces an optional `windowId` attribute in the `BatchResponse` that is sent from Workers to the Scheduler. The `BatchResponseDeserializer` class, which is only used to play the role of the Scheduler in tests for the Worker, does not deal properly with the absence of that `windowId` attribute, and several tests construct mock `BatchResponse` objects without a `windowId`, which leads to the `NullPointerException`.

## Solution Description:

Have `{{BatchResponseDeserializer}}` handle the absence of a `{{windowId}}` gracefully, and add a `{{windowId}}` attribute value in the tests.

Resolution: Verification not Possible

Severity: 3

Components: Worker General

Source Directory: test-com.openexchange.omf.worker

**OMF-757 Many DDL Import failures**

Status: Done

## Root Cause Description:

most likely a connection with no timeout holding a lock causing other connections lock wait to timeout

## Solution Description:

dont use a connection with no timeout and dont lock unnecessary tables.

Resolution: Verification not Possible

Severity: 3

Components: Worker Database

Affected Packages: open-xchange-omf-worker

## 3 Changes relevant for Operators

### 3.1 Changes of Configuration Files

**Change #1 /opt/open-xchange/etc/omf-worker.properties**

```
+com.openexchange.omf.worker.batch.feed=kafka
+com.openexchange.omf.worker.batch.poll.rest.pause=
+com.openexchange.omf.worker.batch.rest.uri=https://scheduler:8080
+com.openexchange.omf.worker.batch.rest.token=...
+com.openexchange.omf.worker.mailfilter.chunkSize=50
+com.openexchange.omf.worker.mailfilter.retry=false
+com.openexchange.omf.worker.mailfilter.chunkRetries=3
```

Package: open-xchange-omf-worker

### 3.2 Changes of Behavior

**Change #OMF-730 pre-sync and cutover abort timeout configurable per source**

Status: Done

Resolution: Done

Components: Worker Mail

Affected Packages: open-xchange-omf-target  
open-xchange-omf-worker

**Change #OMF-744 Add Ability for Workers to skip Windows**

Status: Done

Resolution: Done

Components: Orchestrator, Scheduler, Worker General

Affected Packages: open-xchange-omf-worker

**Change #OMF-752 Scheduler REST API instead of Kafka for Batches**

Status: Done

Resolution: Done

Components: Scheduler, Worker General

Affected Packages: open-xchange-omf-target

open-xchange-omf-worker

**Change #OMF-756 Add mail filter migration retry and split contexts into separate requests**

Status: Done

Resolution: Done

Components: Worker Mailfilter

Affected Packages: open-xchange-omf-target

open-xchange-omf-worker

**Change #OMF-758 Configurable Chunking of Users for Mailfilter Queries**

Status: Done

Resolution: Done

Components: Worker Mailfilter

Affected Packages: open-xchange-omf-target

open-xchange-omf-worker

## 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-745](#), [OMF-753](#), [OMF-755](#), [OMF-757](#),