



Dovecot Migration Framework Scheduler
Release Notes for Release 1.2.0-rev3
2023-01-17

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1 Shipped Version

Dovecot Migration Framework Scheduler 1.2.0-rev3

Find more information about product versions and releases at 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 1.0.0-rev8. Some of the announced bug fixes may have already been fixed at the existing code-base via Patch Releases.

DMF-105 Journal table uses a smaller backend id length than necessary

Status: Fixed

Root Cause Description:

Mismatch in the liquibase configuration for backend id length between the backends table and the journal table's foreign key constraint.

Solution Description:

Increased backend id length to VARCHAR(255) from VARCHAR(64) and aligned corresponding foreign key in the journal table with the new length.

Severity: 2

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

DMF-112 Some database columns use mediumtext but should be bigint

Status: Fixed

Root Cause Description:

Liquibase set certain columns to mediumtext, causing a mismatch with the source code.

Solution Description:

Use BIGINT UNSIGNED instead of LONG in Liquibase, so columns align with the source code.

Severity: 3

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

DMF-117 Error: Could not commit JDBC transaction

Status: Fixed

Root Cause Description:

Galera is breaking the transaction for an unknown reason.

Solution Description:

Retry the transaction and fail after a second retry.

Workaround:

retry operation

Severity: 3

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

DMF-124 Encryption service adds null padding to encrypted password

Status: Done

Root Cause Description:

ByteBuffer.array() was used instead of ByteBuffer.get(newArray) to copy the byte encoded password array which was providing an array with potentially more bytes than the buffer limit.

Solution Description:

Use ByteBuffer.get(newArray)

Resolution: Verified

Severity: 3

Components: Scheduler

Verified with Builds: 1.2

Labels: L3

Affected Packages: open-xchange-dmf-scheduler

MWB-1882 Apache Commons Text (CVE-2022-42889)

Status: Done

Root Cause Description:

Usages of Apache Commons Text v1.9

Solution Description:

Upgraded Apache Commons Text from v1.9 to v1.10.0 in com.openexchange.bundles

Resolution: Verified

Severity: 2

Components: core

Verified with Builds: 7.10.5-rev51, 7.10.6-rev30

OTRS Ticketnumbers: 2022101910000145

Affected Packages: open-xchange-dmf-scheduler

3 Changes relevant for Operators

3.1 Changes of Behavior

Change #DMF-91 Expand documentation and testing from DMF-69

Status: Done

Resolution: Done

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

Change #DMF-104 Add APIs to import users

Status: Done

Resolution: Fixed

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

Change #DMF-107 Display list of sources in backends API

Status: Done

Resolution: Fixed

Components: Scheduler, Worker

Affected Packages: open-xchange-dmf-scheduler

Change #DMF-113 Create endpoint to retrieve migration records by certain properties (i.e. Status)

Status: Done

Resolution: Done

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

Change #DMF-120 Extend the migration API to get many users

Status: Done

Resolution: Done

Components: Scheduler

Affected Packages: open-xchange-dmf-scheduler

Change #DMF-122 Implement user password encryption

Status: Done

Resolution: Done

Components: Scheduler, Worker

Affected Packages: open-xchange-dmf-scheduler

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.

4.1 Test Report

Test T1758605 Setup Test Environment (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

This test case describes how to set up a test environment.

Test T1758606 Login to admin APIs using Basic Auth (http, Basic) (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

[Link](#)

Test T1758607 Add a Source (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

Test T1758608 A Sourcehost can't be added for some reasons (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

Test T1758609 Add a Sourcehost (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

Test T1758610 Add a Target (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-_Testfallkette)

Status: Passed

[Link](#) Covered test cases by this test case: - A Target can be added - A Target cannot be added without a name - A duplicate Target cannot be added

Test T1758611 Add a User (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758612 Login to source using API Key Auth (apiKey) (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

[Link](#) [Link](#)

Test T1758613 Add a backend (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758614 Setup Mail Client (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758615 Add multiple Migrations (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758616 Add a second Source (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758617 Update an already existing source (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758618 Get a target (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758619 Get a User (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758620 Update a User (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758621 Add new Migration (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758622 Get a Sourcehost (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758623 Update a Sourcehost (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758624 Add a second Sourcehost (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-Testfallkette)

Status: Passed

Test T1758625 Get a Migration Record (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758626 Get all Migration records (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758627 Get the latest migration record for multiple users (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758628 Get a user's migration record status (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758629 Get multiple user's migration record status (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758630 Try to create a source with wrong or missing information (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758631 Add an email in source and migrate to target (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758632 Test "connections_left" (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed
"connections_left" is a data base parameter that describes the availability of connections to the source host. This test will check the correct behaviour of this parameter.

Test T1758633 Delete an email in source and migrate to target (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758634 Delete a source (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed
This test case will test if it's possible to delete a given source.

Test T1758635 Delete a Sourcehost (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed

Test T1758636 Delete a target (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_- Testfallkette)
Status: Passed
[Link](#) Covered test cases by this test case: - A Target with no references can be deleted - A Target with a running backend cannot be deleted (add a running worker to this Target to simulate this) - A Target with a user cannot be deleted (add a user with this Target to simulate this)

Test T1758637 Close a user's migration record (DMF_1.2.0_(worker_rev2,_scheduler_rev2)_-

_Testfallkette)

Status: Passed

Test T1758638 Delete a backend (DMF_1.2.0_(worker_rev2,_scheduler_rev2) -_Testfallkette)

Status: Passed

Test T1758639 Delete a User (DMF_1.2.0_(worker_rev2,_scheduler_rev2) -_Testfallkette)

Status: Passed

Test T1759464 Password encryption (DMF_1.2.0_(worker_rev2,_scheduler_rev2) -_Testfallkette)

Status: Passed

This testcase tests the password encryption which is used to encrypt the passwords at time of storage by the Scheduler, and decrypt at time of use by the Worker.

Test T1762309 Test newly added DoveAdmSync parameter -t (DMF_1.2.0_(worker_rev2,_scheduler_rev2) -_Testfallkette)

Status: Passed

This testcase tests if DMF is able to handle newly documented DoveAdmSync parameters as described here: [Link](#) This test case is representative for all new DoveAdmSync parameters. There is no need to test each DoveAdmSync parameters.

5 Fixed Bugs

[DMF-105](#), [DMF-112](#), [DMF-117](#), [DMF-124](#), [MWB-1882](#),