



Release Notes for OX Dovecot Pro

Minor Release v2.3.19.2

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1. Shipped Products and Versions

OX Dovecot Pro v2.3.19.2

Built on Dovecot Community Edition Core v2.3.19

Including Object Storage (obox) and Full Text Search (fts-dovecot) Plug-ins

Supported OS Distributions:

- [Amazon Linux 2](#)
- [CentOS 7.9](#)
- [RHEL 7.4, 8.2](#)
- [Debian buster \(10\), bullseye \(11\)](#)
- [Ubuntu 18.04 LTS \(bionic\), 20.04 LTS \(focal\)](#)

Apache Cassandra Driver: [v2.16.0](#)

2. Release Highlights

This is a maintenance release of OX Dovecot Pro v2.3 branch, which contains several FTS fixes.

Regression: Inefficient handling of large search queries

IMAP searches that had many OR conditions using FTS indexes were handled inefficiently, causing excessive CPU usage. This was especially a problem with iOS clients that sometimes send very large SEARCH requests for searching Message-ID headers. v2.3.19 regression.

Bug: fts-dovecot sometimes deletes triplets during temporary storage failures

Temporary storage failures could have caused Dovecot to wrongly delete FTS files, thinking they were corrupted. Fixed by handling corruption and temporary errors independently.

3. Upgrade Information

No Changes.

4. Known Issues

- Not all Dovecot 2.2.x logging has been converted to Dovecot 2.3.x events, so newer logging/metrics configuration will not work on these older log entries.

5. Detailed Changes

5.1. OX Dovecot Pro Core

No Changes

5.2. Object Storage (obox) Plug-in

No Changes

5.3. Full Text Search (fts-dovecot) Plug-in

- **ISSUE DOV-5470:** IMAP searches that had many OR conditions using FTS indexes were handled inefficiently, causing excessive CPU usage. This was especially a problem with iOS clients that sometimes send very large SEARCH requests for searching Message-ID headers. v2.3.19 regression.
- **ISSUE DOV-5476:** Temporary failures preventing access to storage (e.g. object storage, DNS, or Cassandra failures) could have caused Dovecot to wrongly delete FTS files, thinking they were corrupted. It logged "Cleaning up corrupt triplet" warning when this happened.

5.4. Pigeonhole (sieve) Plug-in

No Changes

5.5. Intercept (intercept) Plug-in

No Changes

5.6. Virtual Attachments (virtual_attachments) Plug-in

No Changes

5.7. Unified Quota (unified_quota) Plug-in

No Changes

6. Tests

The QA team has successfully verified all issue fixes that could be reproduced within a lab environment.

To avoid side effects, the shipped packages have gone through automated regression test on both, a Continuous Integration System and a dedicated server setup 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.

7. Repository Information

For details of how to install and update OX Dovecot Pro, please refer to the instructions at:

https://doc.dovecot.org/installation_guide/dovecot_pro_releases/repository_guide/.