



Release Notes for OX Dovecot Pro Patch Release v2.3.4.2

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1. Shipped Products and Versions

OX Dovecot Pro v2.3.4.2

Including Object Storage and Full Text Search Plug-ins

Supported OS Distributions:

- [Amazon Linux 2](#)
- [CentOS/RHEL](#) 6.9, 7.6
- [Debian](#) jessie (8.11), stretch (9.7)
- [Ubuntu](#) 14.04 LTS, 16.04 LTS

2. Release Highlights

- Fix obox regression: metacache was not uploading index changes to storage (broken in v2.3.3)

3. 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.
- Due to on-going changes in Dovecot logging & statistics, event leak warnings may occur in the logs. [DOV-2785]
 - Example: "Warning: Event 0x564bde864a00 leaked" may appear in logs.
 - Known situations where these warnings are emitted include Dovecot re-starts, typos in Dovecot configuration, and external services (auth or dict) failing to respond.
 - The warnings may repeat, sometimes at a fixed time (e.g. 30 minutes) after the related error (e.g. auth error).
 - These warnings do not affect system performance, and no action is required to address them.
 - These spurious warnings will be resolved in a future release of Dovecot.
- Assert crash may occur on an interrupted APPEND when using Maildir + zlib plugin. [DOV-2655]
- `login_proxy_max_disconnect_delay` may cause a panic when using a non-default setting (e.g. `imap-login: Panic: io_add(0x1) called twice fd=17, callback=0x7fb039a122f0 -> 0x7fb039a0c8b0`). Workaround: remove the setting from Dovecot config or set to the default value (default = 0). [DOV-2648; DOV-2670]
- In some cases, the output from `doveadm log` errors does not contain user/session information. The log files are unaffected by this. [DOV-2676]
- HTTP storage connection problems can lead to panics (`http-client-queue.c: line 518 (http_client_queue_connection_failure): assertion failed: (queue->cur_peer == peer)`). [DOV-2786]

4. Detailed Changes

4.1. Object Storage (obox) Plug-in

- **ISSUE DOV-2959:** metacache master process wasn't triggering index bundle uploads on background. This meant that it could have taken a very long time between index bundle uploads, causing user moves between backends to be expensive and losing message flags since the last index bundle upload. [Regression in v2.2.36.1 and v2.3.3]

5. Tests

The Dovecot 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.