



Release Notes for Release Dovecot Pro 2.2.25.2

1. Shipped Products and Versions

Dovecot Pro 2.2.25.2

Including: Object Storage Plug-In

2. Important Changes and Bugs fixed since previous Public Release

2.1. Dovecot Pro 2.2.25.2 Core

- Using `lmtp_user_concurrency_limit` setting caused unnecessary anvil errors to be logged.
- `mdbox`: Fixed crash when saving mails with overridden POP3 UIDs to a non-empty mailbox (e.g. incremental migration)
- POP3 UIDL optimization wasn't working correctly when there weren't any overridden POP3 UIDs in the mailbox.
- `doveadm fetch`: `body.snippet` field didn't work.
- `dict`: Iteration queries caused crashes in some situations
- `fts_autoindex=yes` wasn't working unless `fts_autoindex_exclude` settings existed.

2.2. Object Storage Plug-In

- Index files were being uploaded to object storage unnecessarily often in v2.2.25.1
- Fixed crash when saving mails with overridden POP3 UIDLs to a non-empty mailbox (e.g. incremental migration)
- fs-dictmap/Cassandra: If we can't be sure about whether the write to Cassandra succeeded or not, don't delete the object from object storage. Instead an error will be logged about it being preserved. This is necessary, because if the Cassandra update actually succeeded then there would be a pointer in Cassandra to a nonexistent object in storage. This is especially important with diff index bundle updates, because they update an existing row in Cassandra, so losing the new diff bundle would also cause the old diff bundle to be lost.
- fs-dictmap/Cassandra: Synchronous delete operations weren't working (e.g. doveadm fs delete, FTS index deletion)
- fs-dictmap/Cassandra: Don't wait infinitely for per-object ID lock while deleting/copying it.
- Optimization: Objects were accessed by path instead of directly by object ID in some situations, which caused an extra object ID lookup.
- Optimization: Expunges don't need to be treated as "important changes" with `metacache_delay_uploads=yes`, because they'll be noticed by the rescan. Indexes will no longer be uploaded to object storage only with expunge changes.

3. Tests

The Dovecot QA team has successfully verified all bug 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.