



# Release Notes for Release Dovecot Pro 2.2.23.1

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## 1. Shipped Products and Versions

Dovecot Pro 2.2.23.1

Including: Object Storage Plug-In

## 2. Important Changes and Bugs fixed since previous Public Release

### 2.1. Dovecot Pro 2.2.23.1 Core

- Added doveadm HTTP API: See <http://wiki2.dovecot.org/Design/DoveadmProtocol/HTTP>
- virtual plugin: Mailbox filtering can now be done based on the mailbox metadata. See <http://wiki2.dovecot.org/Plugins/Virtual>
- stats: Added doveadm stats reset to reset global stats.
- stats: Added authentication statistics if auth\_stats=yes.
- dsync, imapc, pop3c & pop3-migration: Many optimizations, improvements and error handling fixes.
- doveadm: Most commands now stop soon after SIGINT/SIGTERM.
- auth: Auth caching was done too aggressively when %variables were used in default\_fields, override\_fields or LDAP pass/user\_attrs. userdb result\_\* were also ignored when user was found from cache.
- imap: Fixed various assert-crashes caused v2.2.20+. Some of them caught actual hangs or otherwise unwanted behavior towards IMAP clients.
- Expunges were forgotten in some situations, for example when pipelining multiple IMAP MOVE commands.
- quota: Per-namespaces quota were broken for dict and count backends in v2.2.20+
- fts-solr: Search queries were using OR instead of AND as the separator for multi-token search queries in v2.2.20+.
- Single instance storage support wasn't really working in v2.2.16+
- mbox: POP3 message ordering wasn't working correctly.

- virtual plugin: Fixed crashes related to backend mailbox deletions.
- fts: Bugfix - Prevent empty indexes from being created
- fts: Feature - Intelligently handle expunge logs using 2 log files and automatic compaction
- fts: Functional improvement - More cache-friendly index merge algorithm
- director: Fixed user weakness getting stuck in some situations
- director: Fixed a situation where directors keep re-sending different states to each others and never becoming synced.
- director: Fixed assert-crash related to a slow "user killed" reply

## 2.2. Oboject Storage Plug-In

- obox: Implemented "doveadm metacache list" and "doveadm metacache remove".
- obox: Don't change all mails' UIDs on resync.
- obox: When expanding mail\_log\_prefix, support functions also (%{userdb:\*} mainly)
- obox: fs-scality, copy operation treated 404 error as I/O error.
- obox: Fixed assert-crash when dsync-merging root indexes.
- obox: Fixed pop3.order caching for mails without no specified order.
- obox: fs-scality, When doing a GET by objectid, add X-Scality-Path header containing its path.
- obox: fs-dictmap, Delay writing object to reverse-table until the first time it's copied.
- obox: lib-metacache, Count user's disk space usage using disk blocks.

## 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.