



# Release Notes for OX Dovecot Pro Patch Release v2.3.11.4

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# 1. Shipped Products and Versions

OX Dovecot Pro v2.3.11.4

Built on Dovecot Community Edition Core v2.3.11

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

Supported OS Distributions:

- [Amazon Linux 2](#)
- [CentOS](#) 6.9, 7.8, 8.2
- [RHEL](#) 6.9, 7.4, 8.2
- [Debian](#) stretch (9.12), buster (10)
- [Ubuntu](#) 16.04 LTS (xenial), 18.04 LTS (bionic)

Apache Cassandra Driver: [v2.13](#)

## 2. Release Highlights

This patch release fixes an issue where large log lines (> 4KB) would make the log process busy-loop, causing other processes (e.g. imap) trying to output log information to hang.

The affected code has been present in Dovecot since at least 2.2; however, a change in obox logging in 2.3.11 caused this bug to be triggered. Specifically, it has been seen that Outlook creates extremely deep folder paths (these folders don't seem to be valid mailboxes – they don't seem to contain any messages) that exceed 4000 bytes. In 2.3.11, obox began logging the mailbox name differently, so these extremely large mailbox names would cause the log entry to go over the limit.

## 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

- **ISSUE DOV-4072:** Long log prefixes could have caused log process to busy-loop and other processes to hang with "[blocking on log write]" in their process title. This mainly triggered when user had >4000 bytes long folder name and some message was logged about it. Since v2.3.11 obox started logging the folder name as a prefix when the folder was rescanned, which

caused this to happen more frequently. The fix includes truncating folder names in log prefixes to 128 bytes.

- **ISSUE DOV-4074** Successive AUTH attempts fail in POP3 login. Multiple attempts and thus this bug, only occur when the first AUTH fails for some reason, e.g. bad or expired password.

## 5.2. Object Storage (obox) Plug-in

No Changes

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

No Changes

## 5.4. Pigeonhole (sieve) Plug-in

No Changes

## 5.5. OX Engage (imap-injection) Plug-in

No Changes

## 5.6. Chat Over Imap (coi) Plug-in [beta]

No Changes

## 5.7. Intercept (intercept) 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/](https://doc.dovecot.org/installation_guide/dovecot_pro_releases/repository_guide/).