



Release Notes for Dovecot Pro Patch release 2.2.33.5

1. Shipped Products and Versions

Dovecot Pro 2.2.33.5
To fix issues found in 2.3.33.4 Release

NOTE:

Unfortunately we have noticed a small bug in Dovemon in Dovecot versions 2.2.33.3 - 2.2.33.5.

A bug introduced in version 2.2.33.3 where dovemon expects all configuration options to be defined in config file. If a setting is not present, dovemon will raise KeyError.

If the config file has been created a long time ago, some new settings might be missing like:

```
rapid_rounds: 10
rapid_fails_needed: 7
use_host_flush: False
```

Workaround:

Define missing settings in the config file. Defaults configs are available in dovemon.py in default_cfg = {}

1.1. Dovecot Pro Core

- **IMPROVEMENT DOV-1620:** director: Add director_ping_idle_timeout and director_ping_max_timeout settings.
 - director_ping_idle_timeout is used when there's otherwise no input coming from the connection. Changed its default from 10 secs to 30 secs.
 - director_ping_max_timeout is used when the other director keeps sending input, but among it is no PONG reply.
- **BUG DOV-1617:** director: USER events are sent in infinite loop if it takes >=1sec to traverse the ring
 - **FIX:** director: Avoid USER loops when ring latency is over 1 second
- **BUG DOV-1618:** director: Handshake doesn't finish when users keep changing rapidly
 - **FIX:** director: Don't send USERS in handshake that were already sent between handshake

- **BUG DOV-1585:** director: Handshake takes too much CPU to add users
 - **FIX:** director: Keep users unsorted during handshake and sort them at the end
 - It's not a big problem if the users list is temporarily unordered. It mainly means that some of the users won't be expired as early as they should have.
- **BUG DOV-1624:** director: Timed out requests leave delayed requests count wrong in process title
 - **FIX:** director: Fix delayed request count in ps title after request timeouts
 - The timeouts weren't shrinking the delayed request count. This didn't cause any other problems.
- **BUG DOV-1623:** "doveadm director ring status" output isn't sorted
 - **FIX:** director: DIRECTOR-LIST - Return results sorted by host

2. 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.