OX AppSuite and Open-Xchange Server 6 Backend
Release Notes for Patch Release #2813

October 26, 2015

1 Shipped Product and Version

Open-Xchange AppSuite backend 7.6.2-rev36

Find more information about product versions and releases at `http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering`

2 Bugs fixed since previous Public Release

This section provides a summary of bugfixes and changes that have been applied subsequently to shipping Patch Release #2784.

38266   Sending to any external mailbox using OX Guard failing for first time only - mail not sent
Built-in rate limit on send gets applied to multiple send requests from OX Guard and this led to the missing email.
This has been fixed by introducing property "com.openexchange.mail.rateLimitDisabledRange" to file 'mail.properties' to specify such IP ranges for which the send rate limit shall not be applied. Default is empty.

41499   OX crashes on 1-N Hosts - permanent GC pauses
There's a concurrency problem at
`com.javacodegeeks.concurrent.ConcurrentLinkedHashMap.HashEntry.addBefore(HashEntry<K, V>).`
If the underlying map is using an eviction policy that does not require insertion based ordering, new values are put into the target segments without acquiring the necessary locks. This leads to the possibility where the predecessors / successors of the linked list nodes getting changed concurrently, which effectively splits the linked list into multiple parts and breaks the iterator. Since outdated entries are removed based on iterating those lists from their head element, we get more and more orphaned elements in disconnected sublists over time that never get evicted.
This has been fixed by switching to a Guava based cache with proper eviction to manage the rate limiter slots. A further optimization avoids superfluous creation of instances used for rate limit checks. Additionally, introduced dedicated monitoring for the rate limiter.

41560   Sending mails from external IDN-mail account not possible
After adding an external mail account with IDN-domain it was not possible to send mails from this external mail account.
Solution: Prefer to resolve the IDN-representation for an E-Mail address to an associated mail account, fall-back to ACE representation if none found. This solve the problem and emails from IDN-domain can be send.

3 Tests

Not all defects that got resolved could be reproduced within the OX QA lab. Therefore, we advise guided and close monitoring of the reported defect when deploying to a staging or production environment. Defects which have not been fully verified, are marked as such.

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.

4 Fixed Bugs

38266, 41499, 41560,