OX AppSuite and Open-Xchange Server 6 Backend
Release Notes for Patch Release #2825

October 29, 2015

1   Shipped Product and Version

Open-Xchange AppSuite backend 7.6.1-rev33

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 #2678.

41798   High CPU load on a cluster node
This has been improved by not initialize Matcher instance twice and using Jericho HTML parser to perform necessary modifications.

41873   Huge memory consumption up to Backend crash and high CPU load
A certain user repeatedly triggers computation-intensive image transformation processes. This was caused by trying to display a very large Image from emails.
This has been fixed by introducing thresholds to control whether image transformation computation is performed for a certain image.

3   Changes relevant for Administrators

3.1   Changes of Configuration Files

Change #2831   Introduced thresholds to control whether image transformation computation is performed for a certain image
Introduced thresholds to control whether image transformation computation is performed for a certain image.
File 'server.properties' is enhanced by the following properties:
- com.openexchange.tools.images.transformations.maxSize

```
Specifies the max.  size (in bytes) for an image that is allowed to be transformed
If exceeded image transformation is rejected
Default is 5242880 (5MB)
```

- com.openexchange.tools.images.transformations.maxResolution

```
Specifies the max.  resolution (in pixels) for an image that is allowed to be transformed
If exceeded image transformation is rejected
Default is 12087962 (~4064 x 2704 (11.1 megapixels) + 10%)
```

- com.openexchange.tools.images.transformations.waitTimeoutSeconds

```
Specifies the max.  time (in seconds) to await an image transformation computation to complete.
If exceeded image transformation is cancelled.
Default is 10
```

4   Tests

The Open-Xchange 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.

5   Fixed Bugs

41798, 41873,