



**Release Notes for
OX App Suite
Community Version
7.0.0 (2012-12-18)**

1. Packages shipped with this Release

- OX App Suite backend packages (7.0.0-rev 3)
- OX App Suite frontend packages (7.0.0-rev 12)
- OXtender 2 for Microsoft Outlook 7.0.60

2. Bugs Fixed with this Release

OX App Suite

Back-End:

- 19615 Unerwarteter Fehler: message number out of bounds
Handle IndexOutOfBoundsException on access to an IMAP message.
- 23696 base 64 encoded mail will not be quoted when composing an answer
Dealing with content outside of <html> tag when quoting.
- 23726 Mail can not be forwarded "Message=[Not available]"
Added null guard to deal with possible non-existing image part.
- 23733 Slow queries when showing team view calendar
Removed group by.
- 23781 SQL duplicate key error when deleting mail from external POP3 account
Fall-back for failed batch operation; retry with one-by-one operation.
- 23839 MAX_MAILBOX_NAME hardcoded set to 60
Made max. mailbox name length configurable through property
"com.openexchange.imap.maxMailboxNameLength" in imap.properties.
- 23887 javaVM StackOverflowError in
com.openexchange.folderstorage.outlook.OutlookFolderStorage
Fixed possible StackOverflowError.
- 23962 No error message on Sieve GETSCRIPT errors
The list action returns an error.
- 23963 Multi-line Sieve warnings are not parsed correctly
Corrected the error message.
- 24005 backend.server.<locale>.po the following english grammar is wrong
Fixed typos.

- 24043 Inconsistencies written to database if JCS doesn't work for some reason
Perform additional folder checks within database transaction.
- 24078 Error occurs with Facebook authorization
Mandate a display name when creating an OAuth account.
- 24158 admin does not start at all if mpasswd has no credentials
Made master password optional.
- 24168 PIM users cannot change their personal data
Added special handling for user contact updates.

3. Changes applied

3.1. Changes relevant for Administrators

3.1.1. Changes of Configuration Files

Change 1185 - Introduced 'sessionstorage_hazelcast.properties' file for central session storage

Introduced 'sessionstorage_hazelcast.properties' file for central session storage.

Change 1198 - Dropped property 'com.openexchange.sessionstorage.hazelcast.encryptionKey' in sessionstorage_hazelcast.properties

Dropped property 'com.openexchange.sessionstorage.hazelcast.encryptionKey' in sessionstorage_hazelcast.properties.

Change 1202 - Drop map configuration in sessionstorage_hazelcast.properties

Drop map configuration in sessionstorage_hazelcast.properties.

Change 1210 - New config file: cluster.properties

The name of a cluster should be configurable independent of the underlying node discovery. Therefore, a separate config file named "cluster.properties" that currently only contains the cluster name as mandatory parameter is introduced.

There is no default value, so the parameter needs to be set explicitly by the administrator. This is done to avoid duplicate default cluster names.

Change 1211 - Remove obsolete configuration parameters com.openexchange.hazelcast.groupname / .grouppassword

The group name is now configured via the cluster.properties file. The name is now bound to the newly introduced parameter "com.openexchange.cluster.name", so the separate properties are no longer needed.

Change 1212 - Introduced property to show default InfoStore folder below InfoStore root folder

Introduced property to show default InfoStore folder below InfoStore root folder. Default is "true".

```
# Specifies whether a user's default InfoStore folder should appear below
# InfoStore root folder:
#
# - Infostore
# -- My files
# -- Public infostore
# -- Userstore
# -- Other infstore folders
com.openexchange.folderstorage.outlook.showPersonalBelowInfoStore=true
```

Change 1214 - Added entry to '(file-)logging.properties' to suppress logging of SOAP requests/responses

Added entry to '(file-)logging.properties' to suppress logging of SOAP requests/responses:

```
# Set to FINE to log SOAP requests for debugging purpose
org.apache.cxf.level=WARNING
com.openexchange.soap.cxf.logger.level=WARNING
```

Change 1215 - Added property to make max. mailbox name length configurable

Made max. mailbox name length configurable through property "com.openexchange.imap.maxMailboxNameLength" in file 'imap.properties'. Default is 60 characters.

Change 1220 - Disable osgi bootdelegation

After changing "-Dosgi.compatibility.bootdelegation" to true in SCR 1068 we had further internal discussions about the topic where a developer provided further previously not considered details about duplicate classes in the area of xml processing. these classes might lead to linkage errors at runtime due to multiple instances of the same class file being loaded. This further inside made as reconsider the the switch of compatibility.

Change 1221 - New properties to control cluster merge intervals in hazelcast.properties

To control the interval after which nodes in a cluster check whether they can merge another cluster, two hazelcast internal properties are exposed to the hazelcast.properties configuration file.

The following properties are added:

```
# Configures the time until the first check if the cluster needs to merge is
# scheduled. This takes a timespan parameter with 'ms' denoting milliseconds,
# 's' denoting seconds, 'm' denoting minutes. The value is passed to the
# hazelcast property "hazelcast.merge.first.run.delay.seconds". Defaults to
# "120s"
com.openexchange.hazelcast.mergeFirstRunDelay=120s
```

```
# Configures the time between each check if the cluster needs to merge. This
# takes a timespan parameter with 'ms' denoting milliseconds, 's' denoting
# seconds, 'm' denoting minutes. The value is passed to the hazelcast property
# "hazelcast.merge.next.run.delay.seconds". Defaults to "120s".
com.openexchange.hazelcast.mergeRunDelay=120s
```

Change 1223 - Added "-XX:+DisableExplicitGC " option

Added "-XX:+DisableExplicitGC " option to ox-scriptconf.sh.in file.

Change 1228 - New configuration files for open-xchange-indexing

The index based search comes with some new configuration files.

All possible values are described within the property files. The files are listed by their corresponding OSGi bundle:

```
com.openexchange.mail.smal.impl:
- smal.properties
```

```
com.openexchange.service.indexing.impl:
- indexing-service.properties
```

```
com.openexchange.index (contained in open-xchange-core):
- index.properties
- index.yml
```

```
com.openexchange.solr:
- solr.properties
```

Change 1229 - Added properties to pop3.properties to control ping operation for POP3 accounts

```
# Whether ping operation is allowed for POP3 account
# Many POP3 account limit number of allowed login attempts in a certain time interval
# Default is false
com.openexchange.pop3.allowPing=false

# Whether denied ping operation shall be indicated as a warning to client
# Only effective if "com.openexchange.pop3.allowPing" is set to false.
# Default is true
com.openexchange.pop3.logDeniedPing=true
```

Change 1233 - Remove com.openexchange.hazelcast.startupDelay property from hazelcast.properties

Hazelcast is now always started without delays; cluster re-configuration upon network changes can be done dynamically afterwards.

Change 1237 - Increased XX:MaxPermSize value from 128MB to 256MB

Increased XX:MaxPermSize value from 128MB to 256MB in file 'ox-scriptconf.sh.in'

Change 1243 - Added Java options for server operation

Added Java options for server operation to ox-script.conf.in

```
-server -Djava.awt.headless=true
```

Change 1244 - Introduce config options to define session/cache handling in USM module

Introduce config options to define session/cache handling in USM module.

See https://bugs.open-xchange.com/show_bug.cgi?id=23041#c33

```
com.openexchange.usm.cache.session.timeout=43200
```

Specifies a timeout (in seconds) after which USM sessions that are not accessed will be removed from memory. Removed sessions will be automatically restored from DB on next access, but since server changes couldn't be traced while the session was not in memory, the client has to perform an (incremental) sync for each folder (it will be notified that each folder changed regardless of any real server changes). Default: 43200s = 12h

```
com.openexchange.usm.cache.syncstate.timeout=3600
```

Specifies a timeout (in seconds) after which cached SyncStates that are not accessed will be removed from memory. Removed SyncStates will be automatically restored from DB on next access. Default: 3600s = 1h

Change 1245 - More GC options for server operation

More GC options for server operation; reduce java GC pauses with big heap sizes.

* Removed G1 garbage collector through removing following options from 'ox-scriptconf.sh.in' file:

```
-XX:+UnlockExperimentalVMOptions  
-XX:+UseG1GC
```

* Added following options to 'ox-scriptconf.sh.in' file:

```
-XX:+UseConcMarkSweepGC  
-XX:+UseParNewGC  
-XX:CMSInitiatingOccupancyFraction=75  
-XX:+UseCMSInitiatingOccupancyOnly
```

Change 1247 - Added property to enable/disable Hazelcast bundle

Added property to enable/disable Hazelcast bundle

Added property "com.openexchange.hazelcast.enabled" to file 'hazelcast.properties'.
Default is "true"

Change 1252 - Allow "bgcolor" attribute for <div> tag

Allow "bgcolor" attribute for <div> tag

File 'whitelist.properties' has been enhanced appropriately.

Change 1253 - Introduce JSlob property for flickr and tumblr

Two new config files have been added

etc/settings/flickroauth.properties:

```
# Set this to a valid flickr API key  
#io.ox/portal//apiKeys/flickr=
```

and

etc/settings/tumblroauth.properties:

```
# Set this to a valid tumblr API key  
#io.ox/portal//apiKeys/tumblr=
```


3.1.2. Changes of Database Schemes

Change 1242 - Extend the resources' description field

Extend the resources' description field

Field 'description' of tables 'resource' and 'del_resource' is changed from VARCHAR(255) to TEXT.

3.1.3. Changes of Behavior

- none -

3.1.4. Changes of Packaging

Change 1121 - New Bundle com.openexchange.rss

This new bundle is simpler than c.o.messaging.rss and just takes rss feed urls, retrieves their content, filters them (html white listing, image proxy) and hands them to the user.

Change 1183 - New package open-xchange-sessionstorage-hazelcast

New package open-xchange-sessionstorage-hazelcast for newly introduced central session storage.

3.1.5. Changes of Libraries/Licenses

Change 1085 - added jsdom library

jsdom is a library to parse html on the backend during the node.js build process. It has no side-effects on other functions.

3.1.6. Changes of Front-End Customizations

All CSS changes and a list of new and changed icons can be found on our wiki page documenting the Theme changes for each version: <http://oxpedia.org/wiki/index.php?title=ThemeChanges>

3.2. Changes relevant for Developers

3.2.1. Changes of the HTTP API

Change 1200 - Make folder ID optional in contacts "all" request

The parameter "folder" of the "all" action in the "contacts" module will be an optional parameter in the future. If not set, the contents of all visible folders are used instead.

3.2.2. Changes of the RMI API

- none -

3.2.3. Changes of the SOAP API

- none -

3.2.4. Changes of the CLT API

Change 1230 - Add clusterStats parameter to showruntimestats

The CLT "showruntimestats" will be extended by a new commandline switch named "clusterStats", short "c", to print out some information available in the Hazelcast MBean.

3.2.5. Changes of the WebDAV API

- none -

3.2.6. Changes of the GUI-API

- none -

4. Tests

The OX QA team has verified all bug fixes.

To avoid side effects the packages have gone through automated smoke and regression test on both, the OX Build System and a distributed OX QA server setup.

In addition all bug fixes have been checked for potential side effects or changed behavior. Unless explicitly stated with one of the bug entries above, we do not expect other side effects.

5. Known Issues and Limitations

This Community Version has been intensely tested by the QA. Nevertheless there are some bugs left, which will be fixed with the first Commercial Version. Users of the Commercial Versions of OX6 are recommended to start planning and testing to move and upgrade to the Commercial Version of OX App Suite, which is scheduled for release in March, 2013.