



Release Notes OX App Suite v7.2.1

(2013-05-27)

1. Packages shipped with this Release

- OX App Suite
 - Version 7.2.1-Rev 3 (built 2013-05-23/27)
- OXtender 2 for Microsoft Outlook
 - Version 7.0.63
- OX Notifier
 - Version 1.0.2

2. Additional Information

All changes and bug-fixes listed in this release notes have been done subsequent to 7.2.0-Rev 10 (back-end) and 7.2.0-Rev 5 (front-end).

With v7.2, Open-Xchange provides a new LDAP Contact Storage Integration Bundle. The new solution is available together with the current LDAP bundle. Open-Xchange discontinues support for the current bundle with OX App Suite v7.2.1. Further configuration information is available at the Open-Xchange Knowledgebase under:
<http://oxpedia.org/wiki/index.php?title=ContactStorageLDAP>

3. Bugs Fixed with this Release

Open-Xchange App Suite

Back-End:

- 24662 LION -Contact Pictures are not synced to MAC/CalDAV
Added dynamic checksum calculation for X-ABCROP-RECTANGLE parameter.
- 24786 inaccurate error message when uploading non-image via image upload icon via TinyMCE
Set appropriate error category to display more meaningful error message.
- 25051 E-Mails lassen sich nicht weiterleiten.
Interpret unparseable JSON token as a string.
- 25898 I/O error occurred: iso-UTF-8
Added alias for odd charset name "iso-UTF-8".
- 25911 open-xchange-audit package missing
Re-added package.
- 25923 'java.lang.StringIndexOutOfBoundsException: String index out of range: 4438' when forwarding mail
Fixed possible StringIndexOutOfBoundsException when parsing message content.
- 25939 "405 HTTP method PUT is not supported by this URL" when trying to save signature
Fixed Debian package upgrade.
- 25952 appointment retrieved with http api lacks "change_exceptions" and "delete_exceptions" fields
Also send change and delete exceptions.
- 25985 no task notification mails will be sent out regardless of mail settings for tasks
Added the task setting to the JSLOB mapping file.
- 26002 mailfilter.properties com.openexchange.mail.filter.redirectWhitelist does not work anymore
Accept sole domain identifiers.
- 26054 creating a new user: ERROR "Cannot find user with identifier <id> in context <ctx>"
Adapted logging to output USR-0010 error code as DEBUG only.
- 26057 http api /ajax/mail?action=get not honoring optional URL parameter timezone
Honor optional URL parameter "timezone".
- 26076 Not able to upload image under My contact data
Deserialize 'image1' field in user update action.
- 26102 appointment cannot be added by clicking on .ics -> add to calendar from within invitation mail
Accept "application/ics" when checking for an iCal attachment.
- 26162 NPE at FileInputStream
Check for intermediately removed file prior to opening a FileInputStream to it.

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- 26164 Disabling portal access has no effect to appsuite
Add capability "deniedPortal" if portal is disabled.
 - 26166 NPE at com.openexchange.pop3.POP3MessageStorage
Deal with possible null reference returned by
"com.openexchange.mail.api.IMailMessageStorage.getMessage(String, String,
boolean)".
 - 26174 SystemNameService does not return AJP route from
com.openexchange.server.backendRoute
Use proper property name for server route.
 - 26202 Some HTML logging goes to the console log
Avoid too long log messages if debug is disabled.
 - 26231 Appointment participants seem to force GC run
Preparation: Using lightweight Trove TIntObjectMap to reduce memory footprint.
 - 26265 MessagingException: Failed to fetch headers
Add more logging properties when trying to output a message.
 - 26300 http 500 caused by NullPointerException at ajax.SessionServlet.service
Deal with absent session when checking request-count boundary.
 - 26317 damaged Excel Attachment through OXtender / Outlook 2010
Convert "text/comma-separated-values" part to a "application/vnd.ms-excel" binary
one.
 - 26362 error occurred when saving an eml file on message
Honor new "delivery" parameter.
 - 26456 importing vCard will result in com.openexchange.tools.versit.VersitException: Error at
line 5, column 10: Incomplete object
Accept flag parameters (without a parameter value).
 - 26545 Error during enabling and disabling of vacation notice if :addresses tag not set
Changed from getJSONArray to optJSONArray to avoid exception.

Front-End:

- 25649 contact image is not getting added when creating a new contact on IE 9 browser
Fixed image upload.
- 25846 Uploading subsequent files via drag&drop results in duplicates
Clear internal counter after dropping.
- 25887 no portal update after object deletion
Added delete handler.
- 25892 same Distribution list can be added multiple times to Portal
Added simple check for duplicates (considers object's folder_id & id). If already on portal, inline action will not be shown.
- 25908 Deleting tasks without permission ends up in strange error message
Changed the general view container.
- 25910 View of subfolders differs between mail / files and everything else
Renamed to "Add private folder" and using standard folders as parents. No hierarchies in contacts, calendar, and tasks.
- 25916 IE9: Automatic save for drafts does not work
Missing reference in sendMail call (only relevant for IE9).
- 25918 Switching between appointment repetition options multiple times makes some of them unavailable
0 is no longer valid value for the "end after" option.
- 25920 All day appointment creation takes you back to the wrong day in day view
Fixed date parsing for full date appointments.
- 25930 Tasks settings for Interval of the reminder in minutes is not working
Removed setting and set remind me again to 15 minutes as default.
- 25954 new mail notification in page title for being visible in browser tab
Fixed race condition.
- 25955 Settings page for Contacts confusing
Removed the contact settings area.
- 25959 "Play audio files"-link in list-view
Play audio / video files is now shown in the detail view when doing a multiselection, as inline actions are only shown when performing a multiselection. This is an intentional different behavior from the icon view.
- 25974 Tab key is not working properly in IE9 in Create Contact page
Fixed tab support for collapsed/uncollapsed titles.
- 25977 error log is too visible for the regular user
Error log is now a separate settings pane.
- 25984 IE9: ical calendar file can not be imported - GUI get stuck
Added missing folder identifier to request.
- 26013 IE9: External mail accounts disappear if user logs in after clearing cache.
Add function to refresh account settings, when "refresh all" button is pressed.

- 26016 No mouse over hover text for various tabs except 'refresh'
With respect to touch device support just removed the tooltip. Now it's consistent and compatible with touch devices.
- 26019 After moving calendar appointments from portal view, callout "edit" and "delete" links become unresponsive
Added proper "move" event to calendar API that causes a repaint of the appointment. The unresponsiveness was caused by failing requests as the folder_id was invalid (not found / no permission).
- 26060 Tab should focus either Save or Discard button
Adding a tabindex to the last field (Attachments). Now "Create" is in focus after filling the last field and using the tab key.
- 26107 date display inconsistencies between different (calendar) views
Fixed date formatting.
- 26111 Mandatory field mail address for external participants get lost by creating a appointment via Scheduling
Freebusy did not provide enough data for external participants. Internal users just need an id and type, external users need more (email for example).
- 26141 Cannot select auto suggestion for participants (in different context) in calendar scheduling
Fixed an issue where the id of a contact object matched the id of the current user.
- 26156 When user tries to send a mail without any recipient, error message does not appear immediately only after reopening the compose email window
Check for empty to and/or empty subject.
- 26184 Contact in Distribution list will still be deleted although the removal of the contact in edit mode was cancelled
Reset the current model so that next edit fetches fresh data.
- 26191 Unable to open the direct link file in the recipient mail in case the recipient is not part of the context
Use "alone" capability to hide elements that doesn't make sense to single-user contexts. Requires proper user provisioning.
- 26195 JavaScript error when viewing a e-mail with a from: header without address
Added fallback if from is empty.
- 26263 Same mail address got added twice in the distribution list when list is created from received mail
Just removing duplicates from array via underscore's `_.uniq()`.
- 26297 The "Unread only" function does not work in mail search results screen
Search did not consider "unread only" at all. Now applying same filter as for "normal" mode.
- 26304 sorting on 'Sent Objects' or 'Sent Items' of Mail module, the item on sorting should be "To" instead of 'From'
Field is now either "From" or "To"; depends on whether a folder is a sent folder.

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- 26352 Error is displayed when adding signature
A validation for the "name" field has been added. The signature can only be saved if the "name" field is not empty.
 - 26353 Cannot attach files in IE9
Added workaround for Internet Explorer.
 - 26394 Mail priorities does not change
Fixed applying CSS.
 - 26398 "Block pre-loading of externally linked images" only works after browser reload
Redraw detail views and grid.
 - 26407 Appointment contents isn't displayed in Restore applications Dialogue after relogin
Show a meaningful title.
 - 26411 A blank page is displayed when the user reload a Japanese mail folder in safari browser
Strict encoding for Japanese characters.
 - 26424 Mail states within 'Recent conversations' do not get updated after reading mails
Mail plugin registers for mail API's update event. In case of an update the mail-specific node gets redrawn.
 - 26461 Move option not works for public folders
Dialog popups use a folder list instead of folder tree now.
 - 26482 Next option is not displaying in slideshow correctly for IE9
Prevent default on click behavior of Bootstraps carousel.
 - 26489 error message within the new task email for external participants
Suppress errors when discovering objects based on mail header fails and just display the mail as it is.
 - 26491 bin file is attached if there is no file available
Filter internal list.
 - 26492 Preview of an appointment mail attachment is not loading
It is not possible to analyze external appointment or task data in nested (forwarded) mails because of the missing (original) mail ID's. The feature is now disabled to hide the endless loading spinner.
 - 26586 FF /IE Drop-downs to select start and end time while creating appointment: scrollbars are not always necessary and above numbers
Hide the bottom scrollbars.
 - 26587 QR Code doesn't capture value of "State" field of contact
Add missing state parameter to QR-code function.
 - 26632 Japanese (Furigana) plugin sometimes won't be loaded at the first time
Reset manifest state.

OXtender for Business Mobility and USM

- 24819 "changeip" requests pollutes log with invalid "Missing Cookies in HTTP request" messages
Don't use a new HttpClient for the changeip-call.
- 24857 contact picture will not be synced to iPhone
Modified the reading of contact image fields in USM.
- 25271 Samsung Galaxy S Advance (GT-I9070P) with Android 2.3.6 isn't syncing contacts with Birthdays
Added a workaround for this device in usm/eas to accept also dates in other format.
- 25874 contacts not getting completely synchronize
Modified the USM code to check for error when deleting a contact. It now tests for an empty object in "data".
- 26203 Some NPE errors are logged into the console log
Added try-catch clause to USM's OXEventManagerImpl.handleEvent(Event). The causing exception is then orderly appears in log file and does no more write to console. That logging should then reveal the actual cause.
- 26366 Folder content doesn't synchronize completely
Fixed problem which occurs due to a workaround in combination with the SyncState-Storage-optimizations.

OX Document Viewer and Text

- 26189 Unable to open the winword(MS word) file in Files module
Using service tracker instead of 'neededService' at bundle startup time to get dynamic access to documentconverter service from now on.

OXtender 2 for Microsoft Outlook

- 25064 MAPI_E_INVALID_PARAMETER 0x80070057 SST_MESSAGE_EXPORT
Added a missing switch/case.
- 25202 Ihr Standard-Emailordner können nicht geöffnet werden. call failed.
(80004005:MAPICONNECTOR:0:0)
Added support for very long usernames.
- 25266 resources can be overbook within Outlook, but won't be synced to OX
Fixed conflict handling on appointment create and modify.
- 26173 ics files inside of eml attachments to an email are not visible and addable to calendar in Outlook
As workaround the message structure will be changed and the iMIP request (multipart/alternate) replaced to a plain .ics attachment. This changes the structure of the mail, but makes the appointments clickable.
- 26516 Mailfolder content don't synchronize completely
Fixed falsely reported move from Outbox.
- 26519 Mails are disappearing from Outlook but still visible in OX GUI
Fixed a problem where the domain was changed.

26550 no profile roaming possible with Outlook OXtender

It is intended that the client cache does not get roamed. But there is a problem with the client uuid, which accidently gets roamed, so syncing in a roamed environment is not possible. Different caches must have different client uuid.

4. Changes applied

4.1. Changes relevant for Administrators

4.1.1. Changes of Configuration Files

Change 1413 - New properties file to specify a comma-separated list of participants to ignore

New properties file to specify a comma-separated list of participants to ignore:

settings/participant-blacklist.properties

By default that property is empty.

Change 1426 - Property "com.openexchange.log.maxMessageLength" to specify max. message length to log

Added property "com.openexchange.log.maxMessageLength" to 'server.properties' to specify max. message length to log.

Messages that exceed that limit are split. A value of less than 1 means unlimited. Default is -1 (unlimited).

Change 1429 - Set logging for "org.jaudiotagger" to WARNING

Set logging for "org.jaudiotagger" to WARNING.

Added following lines to file-logging.properties:

```
# Set org.jaudiotagger to WARNING
org.jaudiotagger.level=WARNING
```

Change 1434 - Change default values in contact-storage-ldap/cache.properties template

The cache attribute value of "-1" for "MaxObjects" is wrong, leading to objects being evicted from the cache right after they were added.

That's why the default value is changed to a reasonable large number of "1000000". Also, the "UseMemoryShrinker" attribute is set to "false" by default.

```
jcs.region.[REGIONNAME].cacheattributes.MaxObjects=1000000
jcs.region.[REGIONNAME].cacheattributes.UseMemoryShrinker=false
```

Change 1439 - Limit default value for max. concurrent AJAX requests

Limit default value for max. concurrent AJAX requests. Option

"com.openexchange.defaultMaxConcurrentAJAXRequests" in server.properties is set to 250 by default.

Change 1441 - Configuration option to limit objects per folder for synchronization through USM

Currently it's possible to define limits on the amount of mails synced in EAS but there's no way to limit the number of appointments or contacts or tasks to be synced. Such limitations are useful to restrict backend resource usage caused by extraordinary large sets of data.

Adding the configuration parameter "com.openexchange.usm.max_objects_per_folder" at usm.properties enables a limit for these objects at the server-side as well. The default value is set to 65535 and can be modified by the server administrator.

Modification at usm.properties

```
# Defines a limit for the maximum number of objects in a folder when
# synchronizing via USM. If a folder contains more objects than
# specified in the limit, only the newest changed ones are synchronized.
# This limit is always additionally applied, regardless of the
# setting requested by the client, to allow server
# administrators to impose a hard limit on the synchronized
# objects. The default value of this property is 65535,
# a value of <=0 is interpreted as no filtering.
com.openexchange.usm.max_objects_per_folder=65535
```

Change 1445 - Added new Hazelcast configuration option to specify max. operation timeout

Added new Hazelcast configuration option "com.openexchange.hazelcast.maxOperationTimeout" to hazelcast.properties. Specifies max. operation timeout in milliseconds if no timeout is specified for an operation. (default 300 seconds).

Change 1446 - Adapted default values of Open-Xchange Server's limit options

Open-Xchange Server specifies some option to limit inbound traffic and/or generated objects. These options were reviewed and the new defaults have been applied.

- "com.openexchange.defaultMaxConcurrentAJAXRequests" in file "server.properties" has its new default set to 100
- "MAX_UPLOAD_SIZE" in file "server.properties" has its new default set to 104857600 (100 MB).
- "MAX_BODY_SIZE" in file "server.properties" has been marked as deprecated as it is replaced by option "com.openexchange.servlet.maxBodySize"
- "com.openexchange.servlet.maxActiveSessions" in file "server.properties" has its new default set to 250.000
- "com.openexchange.sessiond.maxSession" in file "sessiond.properties" has its new default set to 50.000
- "com.openexchange.sessiond.randomTokenTimeout" in file "sessiond.properties" has its new default set to 30 seconds

Change 1448 - UDP push bundle is disabled by default

Internal OSGi events have been distributed in the cluster using the UDP push mechanism. This mechanism is now replaced using Hazelcast topics. Therefore the UDP push mechanism should be disabled.

Several properties of the configuration file `/opt/open-xchange/etc/push-udp.properties` are configured to false by default and when upgrading the packages. This are the properties:

- `com.openexchange.push.udp.pushEnabled`
- `com.openexchange.push.udp.registerDistributionEnabled`
- `com.openexchange.push.udp.eventDistributionEnabled`
- `com.openexchange.push.udp.multicastEnabled`

If your cluster requires push mechanisms to push changes to client devices, ensure to configure a proper working cluster setup. This is described here:

http://oxpedia.org/wiki/index.php?title=AppSuite:Running_a_cluster

Change 1452 - Add possibility to set a Ham reporting address in Cloudmark spam handler

The spam handler should have the option to allow reporting of Ham messages to a learning system via mail.

`spamhandler_cloudmark.properties` gets new property:

```
# Defines the eMail address to which the selected eMails will be bounced, if they
# are marked as Ham. If no address is specified the bounce will be skipped,
# but moving the selected mails back to the Inbox will still be processed (if configured).
# Privacy note: This will send private mails of users to that address when marked as Ham
com.openexchange.spamhandler.cloudmark.targetHamEmailAddress=
```

Change 1455 - Added option to specify if sessions shall be put asynchronously to session storage

Added option "`com.openexchange.sessiond.asyncPutToSessionStorage`" to file "`sessiond.properties`". Default is false.

4.1.2. Changes of Database Schemes

- none -

4.1.3. Changes of Behavior

- none -

4.1.4. Changes of Packaging

Change 1430 - Bug in auto-generated packaging metadata

Due to a bug in the packaging templates used by build-appsuite init-packaging, older custom apps used build.sh instead of build-appsuite to build Debian packages. Starting with version 7.2.1, build.sh is not available.

If you used build-appsuite init-packaging with SDK version 7.2.0 or older, please adjust the commands used in debian/rules to look like the following (the line must begin with a tab character):

```
sh /opt/open-xchange-appsuite-dev/bin/build-appsuite app skipLess=1 \
```

The commands in the generated .spec file were already using build-appsuite and do not need to be modified.

4.1.5. Changes of Libraries/Licenses

- none -

4.1.6. 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>

Change 1456 - Fixed handling of URLs in .less files

Due to broken URL handling, all URLs were relative to the current theme, i.e. every theme had to include every image even if it was the same as in the default theme.

Now, all URLs are relative to the source .less file in which it is contained. This means that unless a theme changes an image, it does not need to include that image anymore.

Current themes must be updated if they change an image from the default theme: All styles from the default theme which refer to the changed image must be overwritten in the custom theme, so that the URLs resolve to the new image.

4.2. Changes relevant for Developers

4.2.1. Changes of the HTTP API

- none -

4.2.2. Changes of the RMI API

- none -

4.2.3. Changes of the SOAP API

- none -

4.2.4. Changes of the CLT API

- none -

4.2.5. Changes of the WebDAV API

- none -

4.2.6. Changes of the GUI-API

- none -

5. 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.

6. Fixed Bugs

24662, 24786, 25051, 25898, 25911, 25923, 25939, 25952, 25985, 26002, 26054, 26057, 26076, 26102, 26162, 26166, 26174, 26202, 26231, 26265, 26300, 26317, 26362, 26456, 26545, 25649, 25846, 25887, 25892, 25908, 25910, 25916, 25918, 25920, 25930, 25954, 25955, 25959, 25974, 25977, 25984, 26016, 26019, 26060, 26107, 26111, 26141, 26156, 26184, 26191, 26195, 26263, 26297, 26304, 26353, 26394, 26398, 26407, 26411, 26424, 26461, 26482, 26489, 26491, 26492, 26586, 26587, 26632, 24819, 24857, 25271, 25874, 26203, 26366, 26189, 25064, 25202, 25266, 26173, 26516, 26519