



Release Notes for Release 7.6.3

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1 Shipped Product and Version

Open-Xchange Middleware 7.6.3-rev2
Open-Xchange AppSuite frontend 7.6.3-rev2
Open-Xchange USM 7.6.3-rev2
Open-Xchange EAS 7.6.3-rev2
Open-Xchange OXUpdater 7.6.3-rev2
Open-Xchange EmiG 7.6.3-rev2
Open-Xchange Drive restricted 7.6.3-rev2
Open-Xchange Documents 7.6.3-rev2
Open-Xchange Documents frontend 7.6.3-rev2
Open-Xchange Calcengine 7.6.3-rev2
Open-Xchange Readerengine 7.6.3-rev2
Open-Xchange Documentconverter 7.6.3-rev2
Open-Xchange Documentconverter API 7.6.3-rev2
Open-Xchange OXtender for Microsoft Outlook 7.2.18
Open-Xchange Updater 6.18.29
Open-Xchange Notifier 1.0.6
Open-Xchange Drive for Windows 1.6.4

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

2 General information

Open-Xchange is pleased to announce the release of OX App Suite v7.6.3 and OX Documents v7.6.3. This release is a maintenance update together with bug fixes. We strongly encourage administrators to install this update. For a more detailed overview of all the maintenance activities please refer to the release notes.

Open-Xchange strongly encourages administrators to regularly update their systems to the latest available release. In order to ensure a stable and up to date environment please note the different supported versions. An overview of the latest supported Major, Minor and Public Patch Releases can be found in the Knowledgebase at: http://oxpedia.org/wiki/index.php?title=AppSuite:Version_Support_Committment

3 Bugs fixed with this Release

This section provides a summary of bugfixes and changes that have been applied subsequently to shipping Release 7.6.2. Some of the announced bugfixes may have already been fixed at the

existing code-base via Patch Releases.

21064 S/MIME signed messages cannot be displayed

Content of signed mails was not displayed correctly at the frontend, this has been solved by handling such encapsulated messages.

30310 Warning about non matching IDs from Windows 8 clients

Two independent usm sessions for the same device caused non matching IDs at Windows 8 clients. This was fixed by transforming the device id into lower case before it is used to build the session id, and the warning is no longer displayed.

34617 Personal data cannot be changed by editing my contact data

Wrong write permission has been signaled to client, so the option to change personal data was wrongly displayed. This was fixed and no option "My Contact Data" is displayed if you have no permissions.

34961 Contacts do not synchronize on a HTC with Android 4.4.3

HTC does not take care of the limit for collection lists returned by the server. If a HTC User started a manual resync while the initial sync wasn't finished or if he have a lot of contacts it was possible, that no contact is synced. Now we implemented a new limit to avoid these problems.

35638 "Reject with reason" available to users even if backend is not capable

Even unsupported actions could be selected by the user. A check for supported actions was implemented. Now only these are displayed to the user.

36110 Unreliable push notifications with iOS devices

Recent iOS releases have introduced a heuristic fault detection for ActiveSync connections. When repeatedly getting information about updates which do not result in new or updated objects to be synced, the device requests updates less frequently to conserve energy. After several hours of inactivity, this can lead to a significant delay in synchronisation updates, resulting in deferred sync of mail, appointments, tasks and contact data even though push updates are enabled. This has been solved by enhancing the default response code of folder updates for clients "ping" requests.

36711 New contact pictures only available after relogin

After editing an existing contact and changing the contact picture, the picture were not visible until a relogin. This was fixed and now the new contact picture is visible after an Appsuite refresh.

36718 Large files get corrupted when sending them with Outlook

In certain cases USM removed temporary data unrelated to the specific API call, which potentially led to corrupted E-Mail attachments since they are stored as temporary data during upload. This has been solved by limiting cleanup of temporary data to the corresponding command.

36808 Appointments not completely synchronized

In command moveltems objects should be moved that have been deleted on the OX server. This is not signaled to the client via status code 19 (The object doesnt exist in the source). The corresponding ox server error codes for the missing objects (OX-0001,CON-0125) have not been handled. Solution: Special Handling of additional ox server error codes in command moveltems. Implementation of these error codes as a configurable property com.openexchange.usm.ox.missing object error codes in usm.properties.

36849 Not possible to change email name without multiple account permissions

Validation for multiple-account was triggered even when the capability "multiple-account-permission" was not set. For that, user were not able to change the email name. This bugfix introduced to only validate "multiple-account-permission" if it is set for this user, so user are able to change the name again.

36924 Duplicate contacts imported

When importing contact information (e.g. from Yahoo), the mobile number has not been consid-

ered as a similarity between two contacts. Therefore merging such contacts failed and they have been imported as duplicates. Now this attribute is considered to avoid such duplicates.

36941 Halo view tries to fetch GAB data if disabled

A contacts "Halo" data was fetched, even in case a user account did not have permissions to fetch other users information from the global address book (GAB). As a result the permission layer returned an error. This has been solved by not requesting any GAB related information in case this feature is disabled for the current user.

36962 Inefficient handling of "streaming" for USM clients

Chunk-wise download of E-Mail attachments has been implemented to allow more robust and efficient synchronization of USM clients (e.g. Outlook). This implementation had a flaw which led to subsequently requesting the full attachment from backends (e.g. IMAP) for each chunk. This has been solved by requesting the full attachment once on the server side and create chunks based on this. This fix will significantly lower the backend load for IMAP components.

36969 Not possible to add a logger for a dedicated context or session using logconf

Some servlets were lacking session information. Since this session information is required to create certain log filters (e.g. for mailfilters or USM), those loggers were not working correctly. This has been solved by adding the required session information to those servlets.

36985 Virtual/all folder can not be found on mailserver

Possibly existing IMAP folder were not contained in LIST/LSUB commands. This has been solved by rechecking folder existence via explicit EXAMINE.

37048 Unable to subscribe IMAP folders from the folder tree

When using OX6 UI, it was not possible to subscribe IMAP folders from within the mail folder tree. This was caused by signalling incorrect permissions for those folders and has been solved.

37102 User is unable to import or add email signatures

Special "FLS-0017" error code was not appropriately handled by file-backed snippet management. Solution: Improved handling for special "FLS-0017" error code.

37112 Changing certain appointment series via CalDAV leads to data loss

When using Mozilla Thunderbird with Lightning to modify single appointments of a appointment series in a public calendar folder, the modified appointment gets removed instead of changed. This has been solved by loading all required metadata prior to performing changes to the appointment.

37172 Importing ownCloud vCards cause lost of phone numbers

If the type parameters are missing there was no fallback to the default 'voice' as mentioned in RFC 6350. This has been solved by assuming type 'voice' in VCard import if type parameters are missing and tag types 'home', 'work' or 'other' are set.

37176 Excessive remote event generation leads to service unavailability

Remote invalidation of "last-login", "JSJobs" and "capabilities" has triggered a excessive and unnecessary amount of events. Depending on the system load, this could lead to system unavailability. Load tests indicate that this change introduces a significant reduction of invalidation events.

37237 Error message while creating social accounts

No meaningful error message was displayed after creating a new social account without entering a name. This was fixed by returning regular JSON instead of a HTML page. Now a meaningful message is displayed.

37249 Unable to modify images at mail signatures

When modifying mail signatures, adding or changing images could lead to an error message when saving the signature. This has been solved by making the "snippets" handling more robust.

37253 No folders shown below "My Folders"

In "altnamespace" IMAP configurations, folders below "My folders" were not visible anymore, due to a side-effect of a previous bugfix regarding virtual folder updates. This has been solved and extensively tested with various IMAP backends and configurations.

37296 Error related to upload quota not translated

In case a user did hit the upload quota per file, the resulting error message at OX6 UI was not translated correctly. This has been solved by adding a proper translation.

37325 Drive widget not branded

When providing a custom name for App Suite, this was not reflected to the Drive Portal widget. This issue has been solved by considering branding information at the widget.

37328 Unable to create initial mail folders with altnamespace enabled

In case a IMAP backend uses the "altnamespace" hierarchy, users could not create their first custom folder since the "My folders" item was not available. This has been solved by displaying "My folders" at the folder tree, even if no custom folders yet exist.

37347 Folder tree rendering issues on small devices

Small displays with less than 480px of usable browser height led to issues displaying the topmost root folders at the folder tree. This has been solved by applying "smartphone" like rendering on such devices.

37357 "Refresh" indicator permanently active

The upper right refresh indicator for AppSuite was constantly active when getting into a racecondition where one request dropped callbacks of another, identical request. This has been solved by unmarking a request as pending before calling any handlers.

37362 Newly added mail accounts not instantly visible

After adding external mail accounts, the folder tree has not been automatically updated. This has been solved by making the tree aware of account removal or creation.

37363 Synchronizing EAS with Windows Phone stops with "86000106" error

When using Windows Phone 8.1 and Exchange ActiveSync, some devices trigger a "86000106" error message. We assume that this behaviour was caused by a Windows Phone specific sync command that uses a partial wait. In case a empty response was sent for that request, the EAS client threw an error. We now return a new synchronization ID for that request to avoid such behaviour. While we could not reproduce this exact error and also could not get specific information about the clients handling of certain responses, there's a very high probability that this modification solves the issue.

37364 Context menu blocked after renaming a folder

After renaming a folder, the context menu did not get triggered anymore when clicking that folder. This was caused by a missing update of folder IDs after a rename and has been fixed by using the new ID at the context menu as well.

37368 Tasks cannot be loaded if title is empty

With App Suite it is not allowed to create a task without a title. But it was possible to create a task with an old UI or an other client. This was adjusted and we are now also displaying tasks without title.

37369 "Hide advanced filters" link shown while no filters are active

In some rare cases, the "Hide advanced filters" option was shown at the search dialog while no filters were set. Triggering this required subsequent searches to be executed at different apps. The issue has been solved by correctly resetting advanced filters when switching apps.

37373 Folder list for IMAP subscriptions not present

In some cases, the folder list for IMAP subscriptions (at Settings ->E-Mail) was not correctly shown. This was caused by a dialog-specific issue when loading the root folder and has been solved.

37376 Long participant names can cause issues with appointment popups

In case a user with a very long name is added to an appointment, the appointment details popup at the portal page shows it overlapping with the confirmation indicator. This has been solved by adjusting CSS code.

37378 Wrong contact data shown after creating distribution list

After creating a new distribution list the last folder was selected without any contact was marked. Now switching folder to the folder where the distribution list was created.

37399 Checkboxes not active for Tasks and Address book

After using the view-checkboxes switch the editable state was not always set correctly. Now the editable state is set correctly.

37404 Portal appointment popup may not close when sending mail to participants

When clicking a appointment on the portal and sending a mail to participants, the corresponding popup could not be closed via its close button. This has been solved.

37408 Rename a folder leads to an error in subfolder

After renaming a parent folder an error was displayed if you navigate to a subfolder. The folder-model, of the renamed folder, was using an old collection of subfolders with wrong ids. Now the folder gets a new collection with correct ids, so subfolders can be used again and no error occur. Has to be verified by customer with SmartDrive.

37443 Xing: not possible to send invitation to multiple addresses

Request does not consider multiple selected contacts. Solution: The invite button is hidden if multiple contacts or a distribution list is selected. This decision is based on the fact, that the invitation of multiple contacts has some edge cases which requires special error handling. If the user invites several other users and only one of those users cannot be invited (missing email, user is already invited) the error message only contains the error. The user is not informed about the other invitations.

37445 Email&Calendar: Mouse is showing wrong symbol

This has been fixed by adding missing href attribute.

37469 Appointment and "Send mail to all participants" does not resolve first/last name of external contact

This was caused by using wrong CSS. This was solved by removing useless rules.

37471 Search in IE11: dropdown list disappears

Blur handler is executed when search field leaves focus. Solution: Disable blur handler for search field when dropdown is open.

37483 UI gets stuck with certain IMAP folder operations

After moving a subfolder from Inbox to "My folders" and creating a new subfolder under "My folders", folder creation popup does not close anymore. This was fixed by skipping nulled options, so this operation is available again.

37501 Provisioning fails when using `AUTO_TO_LOWERCASE_UID=true`

Provisioning was failing for accounts with capital letters via SOAP in POA. Context where context admin account contains capital letters were not able to create new user. With this fix provisioning is case sensitive if `AUTO_TO_LOWERCASE_UID` is set to true.

37505 Shared folder symbol displayed after error message

After sharing a folder to a webmail user an error occurred and behind the foldername the cloud symbol was wrongly displayed. Because sharing a folder to a webmail user is not possible, the cloud symbol is no longer displayed after this error occurred.

37537 NPE while searching "mail text"

javax.mail.Folder was changed in a way that its constructor calls methods on a passed parameter since version 1.5.2. The inheriting class com.openexchange.mail.mime.FullnameFolder always passed null as parameter and caused the NPE. This has been fixed by removing com.openexchange.mail.mime.FullnameFolder and introducing a proper abstraction without inheritance.

37562 Strange ordering for mails with quotes at sender addresses

When sorting mail based on sender addresses and those addresses contain quotes, results are intransparent. To a user there was no visible difference since quotes are removed but the sort implementation considered them. Now we're not considering quotes when sorting anymore.

37577 HTTP/0.9 400 Bad Request

By default Apache and Grizzly are configured to limit HTTP headers to 8192 bytes, Apache exposes this as config value though. After increasing the Apache limitation requests with headers larger than 8192 bytes would still fail as they caused an IllegalStateException in Grizzly. Now the maximum HTTP header size is configurable.

37585 Missing warning by trying to save unfinished mail filter configuration

It was possible to create incomplete mailfilter rules that apply to all mails. Now the save button is disabled as long as an incomplete filter is found.

37613 Data loss for vCard imports

Importing vCards could lead to loss of data in case the vCard did contain attributes that were not supported by OX App Suite. This has been solved by introducing a new functionality for conserving arbitrary data for clients that are capable to use it.

37616 HTML-signature mask errors

Some custom css is not correctly interpreted by Firefox. Removed custom css which breaks mask layout fixed this error.

37624 HTML-Signature shows hint only in English language

Missing gettext call was added and solved this problem.

37644 Trusted email: mail?action=threadedAll request with x-tdresult column fails

Problem was: No support for header names in "columns" parameter for action=threadedAll. This has been fixed by supporting header names in "columns" parameter for action=threadedAll as well.

37669 Appointments duplicated in Android calendar on mobile

It was possible to have one appointment with other participants twice in your own android calendar, this was caused sending an add command instead of a change command. This has been fixed by improving the handling to handle all change appointment cases.

37680 Catalan translation does not work

Using the community-driven catalan (ca_ES) translation for App Suite UI was not possible. This has been solved by integrating it to our translation process.

37738 After changing mail view to "list" it can not be changed back to "compact"

this.model might be called on disposed view. Solution: Check for this.model first.

37790 URL of the page jumps back when using backspace to delete mail address from appointment

Added missing keyhandler for backspace to fix this issue.

37809 ERROR Message='Unexpected error: null' is displayed after a mail is marked as spam

When marking a mail as spam the log shows "Unexpected error: null" regarding spam handling. This was fixed by adding null guards to only apply spam logic to non-null references. Has to be verified by customer.

37815 Misalignment of user names in accepted appointment

Missing CSS code led to the displacement, so if an user changed his status and added a comment, the other user was set in one line with the last line of the comment. With implementing new CSS Code the view changed back to the old view, now both users are displayed in the same line.

37884 Forwarded mails are empty

In certain cases mails which got forwarded did not contain any body content. This was caused by malformed bodies and has been resolved by parsing bodies more gracefully on forward.

37891 Cannot edit social accounts on IE 11

User wasnt able to edit existing social account with Internet Explorer 11. This was fixed by completely searching account array, to be able to edit social accounts again.

37907 Changing a password incorrectly reports non-matching passwords

PasswordChangeService was called twice. This led to a situation where a valid new password is detected as incorrect or not matching while it actually got changed. Now PasswordChangeService is only called once.

37914 Large Contact List do not synchronize on a HTC with Android 4.4.3

If syncing many contacts and the first sync request took longer than 30 seconds the client tried to sync again. This leads to an endless loop. It gets a response HTTP_STATUS_TOO_MANY_REQUESTS for the second sync request, but reacts with just retrying instead of going on with the successful response of the first sync. This has been fixed by reducing the window size limit by a configurable parameter: `com.openexchange.usm.eas.sync_max_contact_window_size`.

37938 Primary mail address already exists in this context

Implemented an enhanced error message for the error "Primary mail address already exists in this context" for further investigations.

37945 Counter invitation mails are not available via EAS

When using the ITIP/IMIP "counter" functionality to propose another time for an appointment, that mail was filtered and not synced to EAS devices. This has been solved by considering that kind of mail.

37971 Details of private appointment shown in list view

If an user has shared his calender with an other user, the other user can see some details of a private appointment when list view is enabled. The data still arrives on the client but the "details" section is no longer shown for other users' private appointments.

37978 "FLD-0008" error when logging in

Certain environments suffered from a defect that led to partial data corruption on reminders. As a follow-up, requests for reminders failed where reminders were lacking a folder reference. This has been solved by cleaning up such orphaned data.

38004 Flag popup opens in invisible area

Flag popup in conversation view, for emails in the lower range, was not completely visible. This has been fixed by using an overlay for the dropdown to be always in the visible area.

38023 Distribution lists show mail address instead of names in Outlook

When using Outlook, some distribution lists were identified by their linked mail address instead of their name. This was causing confusion because OX App Suite exclusively shows the lists name. Handling distribution list objects has been enhanced to avoid those situation.

38030 Sent folder not always synchronized

Sometimes emails in Sent folder are not up to date. No event was triggered when a sent message was appended to standard sent folder. This was fixed by sending appropriate event for standard sent folder when appending sent message. Now Sent folder synchronizing correctly.

38067 IMAP folders with special names can not be renamed: "ERROR Unclosed group near index <foldername>"

A folder with special names starting or ending with: ""[]{}=()" for example cannot be renamed. Now no new folders can be created with those special characters and old existing imap folders can be renamed.

38068 Incorrect message header folding for long values

When replying to a message that contains a long header, for example "Reference", that header does not get properly folded. This has been solved by folding the "Reference" header at linear whitespaces, which avoids lines that exceed after 76 characters.

38118 LDAP-sync seems not to sync every event after updating to 7.6.2

Newly introduced failure cache remembered a failed authentication. This was fixed by disabling failure cache in IMAP authentication bundle.

38187 Privilege to share folders not honored within the Drive module

Internally, infostore folders are of type "public", which was not considered when determining if a user is allowed to add permissions to a folder based on the underlying user configuration. This has been fixed by also consider infostore folders when checking if a folder can be shared.

38201 Customer is not able to edit already existing html signatures after update to 7.6.2

After updating to 7.6.2 users were not able to change old html signatures with inline images. Fixed parsing HTML content for possible referenced/inlined images.

38202 Clicking on scrollbar selects first message automatically

When clicking on scrollbar of the message list, the first message in list was automatically selected and loaded in preview. This has been fixed by checking the mousedown status to prevent selecting when scrolling with the mouse.

38204 Temporary files were not unlinked

The USM routine for temporary file creation didn't close the file descriptor. Therefore every uploaded file was marked as deleted but still existed on the file system until the open xchange service was stopped or restarted. Those unlinked temporary files could lead to storage exhaustion in a short time. The routine has been corrected to close the file descriptor after creating temporary files and they will be deleted after they are not required anymore.

38207 Resending messages in Outlook failed with some IMAP servers

If a message has been re-sent via Outlook, it was possible that this mail was silently deleted because it used the same ID as the previous one. This happened if the IMAP server has "duplicatesuppression" configuration option active. To prevent those duplicate IDs, the new parameter new=true is used when sending mail.

38210 Emails from "today" are not found

When searching for Emails and using an upper and lower time selection (e.g. from yesterday to today), mails from "today" were not found. This was caused by using an incorrect time offset when searching for "days" as time period and has been solved by correcting that offset.

38230 SpamExperts integration did not support IMAPS

TLS was not enabled in Javamail when dealing with spam messages. This is now enabled.

38235 Incorrect error message thrown when importing an already existing appointment

Importing an already existing appointment leads to the wrong displayed error: "There was no appointment data to import". Now we are displaying the right error message: "Cannot insert appointment (APPOINTMENT_NAME). An appointment with the unique identifier (UID) already exists."

38260 Searching for entries from distribution lists does not show any results

If a distribution list had mail addresses which do not exist in any of the contact folders, the distribution list was not displayed as a search result, when searching for any of those new addresses.

This has been fixed by including distribution list entries when searching in contact module.

38264 Unable to add second address of a contact to a appointment

When having a contact with two or more mail addresses, it was not possible to add the contact as participant by her second mail address. Earlier versions of OX AppSuite have also shown secondary mail addresses when adding participants. This behaviour has been restored.

38266 Guard gets rate-limited

In case a lot of users are working with OX Guard, the services access to the REST API could get rate-limited by the OX middleware. This has been solved by adding a host/IP based whitelist parameter that can be configured to match OX Guard machines. See Change #2698 for more information.

38327 Attachments can not be saved within Drive Folder

When storing a mail attachment into Drive App the size as signaled by mail server was passed to store operation. Unfortunately, the size as given by mail server is not exact leading to errors when actually storing/uploading the attachment. This has been fixed by labeling unknown size when storing a mail attachment in Drive App to have the storage determine the real size.

38358 Google Maps link somehow leads to wrong search

The Google Maps link from a contact with address information had no commas. This was fixed by inserting commas at the right position.

38359 Archive folder does not appear immediately after first archiving action

When there is no Archive folder yet and the first time the Archiving option is used there is visual feedback that it was performed but the folder only appeared in the foldertree after a refresh. With this fix, the foldertree is visible after the archiving is performed.

38364 Vacation Notice shown even if extension is disabled on SIEVE server

Vacation Notice was shown in the settings area even if the "vacation" SIEVE extension is disabled on Dovecot. A check for supported actions and the mailfilter capability was implemented to avoid this issue.

38365 Mails can not be sent if display name contains a quote

Displayname with only one Escape Char were ignored in personal part of an E-Mail address and this user can not send an email. Now with this fix the display names is not escaped client-side and mail can be send with escape sequences in display name.

38368 Action button vanishes from mobile view

Action button in address book vanished after clicking edit and marking at least one contact. Two toolbars were drawn and resulting in conflicts. This has been fixed by showing only the correct toolbar.

38374 Guided tour is started automatically on mobile view

In case the guided tour is configured to start automatically the first time it also starts in the mobile view. This has been fixed and guided tour does not start longer automatically.

38381 Selecting fr_CA as user language still show english menu items in TinyMCE

The HTML mailcompose dialog offered english as menu language. Now canadian french is displayed correctly after switching to fr_CA.

38411 Mail folder list scrolls down

If an user had a lot of folders under inbox (not My folders), it was scroll down to the last entry after re-login. To make sure the current node appears in the viewport, the scrollIntoView was adjusted.

38469 SQL Deadlocks after updating to 7.6.2

Updates of config-tree settings were performed concurrently leading to excessive row locking in MySQL Galera setup. This has been fixed by executing update of config-tree settings sequentially one-by-one in a separate thread (from thread pool) to avoid excessive concurrent row locking lead-

ing to MySQL deadlocks.

38498 "Select all" option in Mail behaves different

The "select all" option was different for mail and address book, mails are selected including doing a focus, the other App Suite applications selecting without a focus. Now all applications selecting without a focus.

38501 Reply gets disabled after replying to a mail

In certain customer environments, "Reply" and "Reply all" options got disabled after replying once. This kept users from replying multiple times in a row. This has been solved by doing less strict checks on custom mail backend capabilities. We were not able to reproduce the original issue nor validate the fix internally.

38537 Different scaling for contact pictures for edit and view mode of contact

After saving a large contact picture, the picture scaling was wrong in edit mode. Now displaying the same scaled pictures for edit and view mode. But first time the image is added, the scaling is still different.

38553 Standard folder icons for external accounts are not correctly displayed

The icons for the standard folders from an external email address were displayed as ordinary folders. To display the standard folder icons, now a live connection to the IMAP Server is performed.

38600 NPE searching drive

Faulty check if a file storage implementation supports the "SEARCH_BY_TERM" capability led to a NullPointerException. Solution: Proper check if non-infostore file storage supports the "SEARCH_BY_TERM" capability.

38601 Tasks: recurring date displayed as unknown

After editing an existing recurring appointment it was possible, that detail view shows: "This task recurs Monthly on the unknown day". This happend, because old values were not correctly deleted. Now this values are correctly deleted and this issue is gone.

38603 Unable to send Mails when individual recipients are rejected

Sending mails to more than one recipients in case one recipient get rejected was not possible. Added option "com.openexchange.smtp.sendPartial" to file 'smtp.properties' to allow partial send in case one or more (but not all) recipients are considered to be invalid on message transport. Default value is "false".

38604 Subscription of T-Online addressbook not working

Configuration file for T-Online address book was outdated, so the subscription does not work. This has been fixed by aligning the configuration file to current T-Online page layout for contact subscription.

38605 Timeouts when creating users in a large context

Timeouts when checking the uniqueness of a display name for a large context. This was fixed by introducing separate method to OXUserInterface to retrieve only users' display names.

38619 Recipients do not show up

In certain customer environments, the mail backend does not provide a full set of to/cc/bcc information. In such cases and when using threaded mail view, mail recipients were not shown. This has been solved by adding a optional workaround, see Change #2764. We were not able to reproduce the original issue nor validate the fix internally.

38638 EAS requests increased and blackberry devices stopped syncing

Total number of EAS requests increased dramatically by using a blackberry. Blackberry devices ignore the already introduced collection limit. This has been fixed by recognizing Blackberry devices and allow any number of collections. Now EAS requests from Blackberry are reduced.

38664 Fetching mail from Zimbra backend does not work

When accessing a mailbox provided via IMAP by Zimbra, the IMAP_SORT_RETURN_PARTIAL command returned an error and accessing mail was not possible. This was caused by not properly checking the CONTEXT=SEARCH and CONTEXT=SORT capabilities prior to executing this command. OX now checks those IMAP capabilities and use SORT requests accordingly.

38672 Mails can not be deleted via EAS/OLOX

SPECIAL-USE marked entries were not check if existent. This has been fixed by also checking existence of SPECIAL-USE entries.

38755 Host reached JVM Memory and 100 DB-Connection limit

Sorting mails by read/unread led to an performance issue. Performance has improved to avoid outages.

38797 Orphaned temporary files

In certain cases temporary files, for example of mail attachments or converted documents, are not orderly removed. This has been solved by enhancing and introducing clean-up mechanisms that check for orphaned files and also take the "last accessed" timestamp into consideration. Temporary files which are not accessed during the last 30 minutes get evicted.

38822 Member in distribution list only displayed by email not name

Data of distribution list members is loaded dynamically from referenced contacts. In case a referenced contacts has no display name, this was also applied for the distribution list member. This has been fixed by do not overwriting displayname of distribution list member if not set in referenced contact.

38854 Distribution lists with a blank space are not shown in recipients lists when composing mail

Distribution lists with a blank space in name were not displayed in compose mail with autocomplete. This was fixed by adding missing filter function in local contact search api, now distribution lists are displayed with autocomplete.

38864 Save button of mail filter rules becomes unexpected grayed

Save button of mail filter rules becomes unexpected grayed. An incorrect detection of invalid filters led to this error. The incorrect detection has been fixed and now the save button is no longer grayed out.

38886 Edit link displayed with no edit permissions in appointment

If an user create an appointment (not as owner of the folder) he can't edit or delete it. This was caused by a wrong permissions check in edit draw function. This was solved by a new permission check.

38890 CMD touch-appsuite needs to handle external timestamp argument

Frontend cluster setup and gui custom plugins needs to ensure that timestamps set by CMD touch-appsuite are the same on all nodes. This ensure that no mistaken browser cache invalidation takes place by loadbalancing and prevent on wasting resources.

38948 PGP signature not available at mail in "Sent" folder

When signing a mail using OX Guard and PGP, that signature is applied correctly but the copy which gets placed to the "Sent" folder does not contain the signature. This has been solved by copying the signed version of the mail to that folder.

38971 Folders with long names get duplicated on EAS clients

When deleting folders with a long name, they may re-appear that their original location but also get shown at "Trash". This was caused by a legacy issue of not properly creating UUIDs for such folders. Since the issue has been solved, new UUIDs get created when moving folders and those are compared to the existing (empty) UUID. Therefor, those folders were identified as "new" folders and sent to the client. This has been solved by using the known UUID of the source folder, in case

there is no UUID entry yet.

39069 Heavy database load when triggering contact autocomplete

Using multiple tokens when searching for contacts, a huge search query gets generated and executed. This leads to unnecessary database load when performing unusual search requests. To avoid high system load and evade harmful behaviour, the amount of valid tokens has been limited to 5.

39102 Documents can not be renamed

The new implementation enables a way to rename the document within the editor. Due to technical reasons we are forced to save/reload the document after the rename process. Checked in on the office-backend via branch "rename".

39283 Documents created from templates are not saved in Drive

Documents created from templates are not saved in 'Drive' if 'Drive' is configured with Smartdrive. Use (possible overridden) default folders from config tree in folder service.

39287 Email compose: wrong picture size

Picture size was accidentally set to a fixed size. This was fixed by changing picture size to keep original size but at most the width of the editor.

39394 Folder names get re-set in Outlook when moving mail

When moving mail to a mail folder in Outlook and changing the folders name afterwards, the folder name gets reset to its original value. This was caused by synchronization conflicts regarding the amount of mail at this folder. Since this information is not required, they have been removed from the synchronization system to avoid conflicts.

39451 Terminated IMAP connects are re-used by OX

When a IMAP server terminates a IMAP connection which is used by OX, in rare cases OX tried to re-use that connection. This behaviour led to error messages at OX and IMAP side since the related connection is already closed. This has been solved by orderly invalidating and removing cached instances of IMAP connection objects.

39544 Attachments removed when saving forwarded mail as draft

In case a mail is being forwarded and saved as draft while composing, it's attachments could be lost. This was caused by providing a incorrect sendtype when saving a draft and that has been corrected.

39712 Address is collected multiple times when sending mail

If user has enabled "Automatically collect contacts in the folder "Collected addresses" while sending" the recipient Address is saved to folder "Collected addresses" everytime a mail is send. The underscore " " character was erroneously escaped when preparing the search term for an EQUALS SQL query. Solution: Verify whether the search term contains any regex wildcard characters ("*", "?") and if so escape the wildcards in the term and perform a LIKE query, otherwise perform an EQUALS query with the unescaped term and address is not added to folder if entry with same mail address already exists.

39974 Browser reload with Internet Explorer fails with HTTP 500

A browser reload with Internet Explorer leads to a http 500 response and recreating a session fails. No caching headers were set on SAML init responses which led Internet Explorer to cache those responses and re-use them on refreshing the browser tab. This has been fixed by setting headers to prevent caching.

40235 Excessive memory consumption on certain IMAP backends

Some IMAP implementations violate IMAP specification by sending "BYE" responses with a untagged response line. This led to excessive memory usage since the OX middleware implementation kept waiting for response data. This has been solved by limiting the corresponding operation and avoid unnecessary resource usage.

40362 EAS mail app: image not displayed on some devices

Wrong order of collectionId and serverId in ItemOperations-Fetch response resulted in images could not be displayed on some mobile devices using EAS. Now writing out correct order, so images are displayed.

40592 Contact lists jumps unexpectedly

When selecting a contact via checkboxes while having another contact selected which resides outside the current viewport, the viewport jumps to show the previously selected contact. This has been solved by putting the viewport to the closest selected contact instead of the one that got selected first.

40653 NPE while handling references mail parts

In rare cases a null dereference was triggered when handling references of a mail which is currently processed. This has been solved by handling null values and adding debug log to get more information about the root cause. We were not able to reproduce the original issue nor validate the fix internally.

40775 Wrong user name capitalization

Possibly wrong user name capitalization used to look-up existing users. Solution: Also use lower-case user name when checking for existing users with such a user name.

40929 Mail autoconfig fails for IDN domains

Autoconfig for email fails with vowel mutation in domain name. This has been fixed by leaving domain as ascii instead of converting to unicode before processing.

41018 Password change not possible for external accounts after user password change

An unnecessary validation with the old password was requested. Validation is now skipped if only the password has been changed.

41499 Long running GC issues

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.

41638 Invalid operations are not disabled for external special-use folders

While operations like "delete" or "rename" are not offered for IMAP folders that carry the "special-use" flag, those options were available for external mail accounts, where "special-use" was present for specific folders. This has been changed in a way that folders at external accounts are handled the same way.

41654 Tokenlogin leads to unexpected login behaviour

In specific customer cases, token-login collides with requirements of auto-login. This has been worked around by adding a optional parameter "token.autologin" that surpresses a auto-login attempt by OX App Suite UI.

41687 Cloudmark spamhandler fails for specific sender addresses

When marking mails as spam that have corrupt "from" headers, the Cloudmark spam handler implementation failed to forward the mail to Cloudmarks services. This has been solved by skipping OX internal header-parsing attempts and setting an envelope sender address when forwarding a potential Spam mail to Cloudmark.

41780 "restorecontext" cannot restore specific database dumps

When trying to restore specific context using the "restorecontext" command-line tool, that call could fail in case multiple INSERT statements for the same table are present at the database dump. This has been solved by handling such dump files.

41783 Very high load on groupware nodes which cause timeouts

Extensive locking might prevent image transformation tasks from being executed, which in turn leads to HTTP requests that are waiting for their image stacking up. Solution: Avoid locking in managed file management.

41792 Contact data not shown in mail compose

When using IE and the alternative mail compose and selecting a contact from the address book, the corresponding mail address is not fully shown at mail compose. This has been solved by updating the related regular expression to work with IE.

41799 Incorrect positioning of signatures when using multiple

When having multiple signatures with the "above" setting and selecting multiple signatures while composing mail, a blank space is added for each selected signature. This has been solved by omitting a null character.

41800 E-Mail address cut-off in mail compose

When using the alternative mail compose and typing a long mail address, the resulting text is cut. This has been caused by incorrect calculation of the input box size and solved by fixing the related bootstrap library.

41803 BCC missing when printing mail from "Sent" folder

When printing a E-Mail from the "Sent" folder, BCC information is not available on the printed version. This has been solved by considering this token on the print template.

41815 Virtual keyboard opens and closes on mail compose

When using iOS and the alternative mail compose, the on-screen keyboard gets hidden right after it shows up when tapping the center or right area of the "To" fields. This browser specific issue has been solved by adjusting the size of the input box right away.

42038 Translation fixes for mobile search

When using search on smartphone devices running iOS, some buttons and the app switcher used a fallback to english. This has been solved.

42132 Corrupt timezone data leads to issues when creating objects

In case a user profile contains incorrect timezone information, e.g. by manually putting it there, operations like creating appointments or tasks failed since they rely on timezone information. This process has been hardened to deal with invalid data and use a fallback instead.

42134 Archive Operations not visible instantly

Archive folder was not dropped from cache, hence returning outdated subfolder information. Solution is to properly clean archive folder from cache.

42136 Archive mails are still shown on their original location

When sorting mails by "unseen" and archiving a mail, this mail is correctly moved to Archive but not removed from the current view. This has been solved by updating the view when using "unseen" sorting.

42141 Broken context menu displayed for short mails

When having a very short mail (1 line or less) opened in detail view via double-click and opening the context menu for the specific mail, that menu is misplaced. This has been solved by considering almost empty mails when calculating dropdown placement.

42202 Log enhancements for excessive large images

Log output has been enhanced in case image transformation is cancelled due to very large image data. We now provide information if we either skipped processing based on the amount of pixels or filesize.

42415 High system load based on large images

In case excessively large images were processed, the system could be quite stressed. This is now being countered by skipping image processing based on image pixel count and size. At the same time this means users may get the original version of a image instead of a optimized one.

4 Changes relevant for Administrators

4.1 Changes of Configuration Files

Change #2429 Added property to define the OX Guard end-point

Added property `com.openexchange.guard.endpoint` (Default: empty) to `guard.properties` to define the OX Guard end-point in order to invoke call-backs on provisioning events (e.g. when users get created).

Change #2438 Removed obsolete JMS configuration

The configuration file `/opt/open-xchange/etc/jms.properties` is not used any longer. Therefore it has been removed.

Change #2456 Added option to enable/disable invalidate events for non-global folders

Added option `com.openexchange.caching.jcs.remoteInvalidationForPersonalFolders` (Default: false) to file `cache.properties` to enable/disable invalidate events for non-global folders. That option specifies if changes to personal folders (personal in terms of non-global e.g. folders kept in database) are supposed to be propagated to remote nodes. This option is only useful for installations that do offer collaboration features or do not support session stickyness. For instance users are able to share mail folders or might be load-balanced to other nodes while active in a single session.

Change #2530 Support for an optional HTTP proxy when accessing ISPDB URLs

Added support for an optional HTTP proxy when accessing ISPDB URLs. Therefore, `autoconfig.properties` has been enhanced by the following options:

- `com.openexchange.mail.autoconfig.ispdb.proxy` (Default: empty)
- `com.openexchange.mail.autoconfig.ispdb.proxy.login` (Default: empty)
- `com.openexchange.mail.autoconfig.ispdb.proxy.password` (Default: empty)

Change #2546 Added new configuration options for mail push to OX Mail app

Added new configuration options to setup mail push for OX Mail App by introducing `mobilepushevent.properties`. This file allows to configure GCM (Google Cloud Messaging) and APNS (Apple Push Notification Service) parameters.

Introduced property `com.openexchange.mobilepush.events.gcm.enabled` (Default: false) to enable or disable mobile push event notifications to clients using the Google Cloud Messaging (GCM) service. This requires a valid configuration for the GCM API key.

Added property `com.openexchange.mobilepush.events.gcm.key` to specify the API key of the server application. Required if `com.openexchange.mobilenotifier.events.gcm.enabled` is set to true.

Added a option to enable or disable push event notifications to clients using the Apple Push Notification service (APNS) for iOS devices via property `com.openexchange.mobilepush.events.apn.ios.enabled` (Default: `false`). This requires a valid configuration for the APNS certificate and keys.

Property `com.openexchange.mobilepush.events.apn.ios.keystore` specifies the path to the local key-store file (PKCS #12) containing the APNS certificate and keys for the iOS application, e.g. `/opt/open-xchange/etc/mobilepush-apns.p12`. Required if `com.openexchange.mobilepush.events.apn.ios.enabled` is `true`.

Property `com.openexchange.mobilepush.events.apn.ios.password` to specify the password used when creating the referenced key-store containing the certificate of the iOS application. Note that blank or null passwords are in violation of the PKCS #12 specifications. Required if `com.openexchange.mobilepush.events.apn.ios.enabled` is `true`.

Property `com.openexchange.mobilepush.events.apn.ios.production` (Default: `true`) to indicate which APNS service is used when sending push notifications to iOS devices. A value of `true` will use the production service, a value of `false` the sandbox service.

Added property `com.openexchange.mobilepush.events.apn.ios.feedbackQueryInterval` to configure the interval between queries to the APN feedback service for the subscribed iOS devices. The value can be defined using units of measurement: "D" (=days), "W" (=weeks) and "H" (=hours). Defaults to "1D" (one day). Leaving this parameter empty disables the feedback queries on this node. Since each received feedback is processed cluster-wide, only one node in the cluster should be enabled here. Values less than 1m will be ignored.

Property `com.openexchange.push.allowPermanentPush` (Default: `true`) to enable/disable permanent push. Set to `true` if (and only if) such a push service is running, which supports spawning permanent push listeners as this setting is used to perform the balancing of permanent push listeners among available cluster members. Meaning, it marks a cluster member to be capable for permanent push. Push services that support permanent push listeners currently known: `open-xchange-push-imapidle` and `open-xchange-push-mailnotify`.

Property `com.openexchange.push.credstorage.enabled` (Default: `false`) to specify whether credential storage is enabled. The credential storage is used to store user credentials in setups that do not support a master authentication to the mail storage.

Property `com.openexchange.push.credstorage.passcrypt` (Default: `empty`) to specify the key with which to encrypt/decrypt the password held in credential storage (provided that `com.openexchange.push.credstorage.enabled` is set to `true`). Must not be changed once set/used and needs to be the same value on all nodes in a cluster.

Property `com.openexchange.push.credstorage.rdb` (Default: `false`) to specify whether database-backed credential storage is enabled. (provided that `com.openexchange.push.credstorage.enabled` is set to `true`). If set to `false` the credentials are stored in memory utilizing Hazelcast.

Added new configuration file `hazelcast/credentials.properties` defining the configuration for the `credentials` Hazelcast map.

Change #2549 Added `open-xchange-mailapp` to default IP white-list

Added `open-xchange-mailapp` as default to `com.openexchange.IPCheckWhitelist` property to `server.properties` in order to let the OX Mail App bypass IP check by default.

Change #2553 Allowing option to continue mail transfer for partly invalid recipients

Added option `com.openexchange.smtp.sendPartial` (Default: `false`) to file `smtp.properties` to allow partial mail send in case one or more (but not all) recipients are considered to be invalid on message transport.

Change #2557 Updated T-Online subscribe parameters

Aligned `t-online.yml` configuration file to current T-Online page layout for contact subscriptions.

Change #2572 Option to control permanent IMAP IDLE listeners

Added option `com.openexchange.push.imapidle.supportsPermanentListeners` (Default: `false`) to file `push.imapidle.properties` to control whether IMAP IDLE based mail push implementation is

supposed to also support permanent listeners.

Change #2575 Added capability for OX Mail app

Added capability for OX Mail app to control which users may access App Suite through OX Mail app. The `File.permissions.properties` has been enhanced by property `com.openexchange.capability.mobile_mail_app` (Default: `false`). This means that per default nobody may access App Suite through OX Mail app. Apart from this global permission, users can be selectively enabled through capabilities and config-cascade functions.

Change #2576 Added appropriate index to Hazelcast map

Added appropriate index to Hazelcast map through adding the parameter `com.openexchange.hazelcast.configuration.map.indexes.attributes` (Default: `altId` to file `sessions.properties`).

Change #2577 Configurable look-up mechanism for standard mail resolver

Introduced `mailresolver.properties` file currently holding boolean setting `com.openexchange.mailmapping.lookupByDomain` (Default: `false`). Setting this option to `true` means that the domain part of a mail address (the part after the "@" sign) is used to find a matching context by checking the login mappings. That mechanism does only work if the OX setup strictly defines a dedicated and unique domain per context. Otherwise that look-up mechanism will lead to wrong results. Having a value of `false` means that the mail address is going to be looked-up on a per database schema basis. For each known schema a query is performed to check whether there is such an internal user.

Moreover introduced the file `external-domains.properties` which provides a list of domains that are supposed to be considered external, meaning no domain look-up takes place and directly signaled as a mail address of a non-internal user.

Change #2615 Added configuration file for the "snippets" functionality

Introduced `snippets.properties` file for snippet module, which providing the property `com.openexchange.snippet.rdb.supportsAttachments` (Default: `false`).

Change #2665 Parameter to disable the calendar mail notification pool

Added the configuration parameter `com.openexchange.calendar.notify.poolenabled` (Default: `true`) to `notification.properties`. When set to `false`, notification pooling is disabled, which means mails with regards to appointment changes are sent instantly instead of being accumulated over a period of time. Beware, this may generate a lot of notification mails.

Change #2673 The SAML core implementation was extended by an optional auto-login mechanism

A new property `com.openexchange.saml.enableAutoLogin` (Default: `false`) was added to `saml.properties`.

Change #2698 Introduced a property to whitelisting specific IP ranges from send rate limiting

Introduced property `com.openexchange.mail.rateLimitDisabledRange` (Default: `empty`) to file `mail.properties` to specify such IP ranges for which the send rate limit shall not be applied. This is useful to whitelist dedicated OX Guard machines.

Change #2831 Introduced thresholds for image transformation computation

Introduced thresholds to control whether image transformation computation is performed for a certain image. The file `server.properties` has been enhanced by the following properties:

- `com.openexchange.tools.images.transformations.maxSize` (Default: 5242880). Specifies the max. size (in bytes) for an image that is allowed to be transformed. If exceeded image transformation is rejected.
- `com.openexchange.tools.images.transformations.maxResolution` (Default: 12087962). Specifies the max. resolution (in pixels) for an image that is allowed to be transformed. If exceeded image transformation is rejected

- `com.openexchange.tools.images.transformations.waitTimeoutSeconds` Default (10). Specifies the max. time (in seconds) to await an image transformation computation to complete. If exceeded image transformation is cancelled.

Change #2849 Introduced a new capability `archive_emails` via `permissions.properties`
Added property `com.openexchange.capability.archive_emails` (Default: true) to file `permissions.properties`.

Change #2548 Made "missing object" error codes configurable in USM
Some additional OX Server error codes have to be handled by USM when trying to move items. Therefore a new property `com.openexchange.usm.ox.missing_object_error_codes` (Default: MSG-0032, OX-0001, CON-0125, TSK-0019) has been added to `usm.properties`.

Change #2570 Ignore larger sync contact window sizes from clients
The `com.openexchange.usm.eas.sync_max_contact_window_size` (Default: 250) option has been added to the `eas.properties` configuration file to specify a maximum synchronization window size.

Change #2610 New option to disable renaming at OX Documents
A new configuration property `io.ox/office//module/renamedisabled` (Default: false) at `office.properties` enables customers to enable/disable the "Document Name" edit field in OX Documents. This ensures that in environments, which don't support transparent changes of the file name, don't break an active RT connection.

4.2 Changes of Command Line Tools

Change #2797 Introduced dedicated monitoring for the internal rate limiter
The following new attributes are available now in the `RateLimiterMonitor` MBean in the general `com.openexchange.monitoring` domain:

- `SlotCount`: Gets the number of currently tracked rate limit slots held in the internal bucket map.
- `ProcessedRequestsPerMinute`: Returns the average number of processed requests per minute.
- `TotalProcessedRequests`: Gets the total count of requests that have been processed until now.

Additionally, the MBean comes with an operation named `clear` to clear the rate limiter's internal data structure.

The monitoring values are available via the `showruntimestats` commandline utility inside the "OpenXchange stats" group (option `-x`).

5 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.

6 Fixed Bugs

21064, 30310, 34617, 34961, 35638, 36110, 36711, 36718, 36808, 36849, 36924, 36941, 36962, 36969, 36985, 37048, 37102, 37112, 37172, 37176, 37237, 37249, 37253, 37296, 37325, 37328, 37347, 37357, 37362, 37363, 37364, 37368, 37369, 37373, 37376, 37378, 37399, 37404, 37408, 37443, 37445, 37469, 37471, 37483, 37501, 37505, 37537, 37562, 37577, 37585, 37613, 37616, 37624, 37644, 37669, 37680, 37738, 37790, 37809, 37815, 37884, 37891, 37907, 37914, 37938, 37945, 37971, 37978, 38004, 38023, 38030, 38067, 38068, 38118, 38187, 38201, 38202, 38204, 38207, 38210, 38230, 38235, 38260, 38264, 38266, 38327, 38358, 38359, 38364, 38365, 38368, 38374, 38381, 38411, 38469, 38498, 38501, 38537, 38553, 38600, 38601, 38603, 38604, 38605, 38619, 38638, 38664, 38672, 38755, 38797, 38822, 38854, 38864, 38886, 38890, 38948, 38971, 39069, 39102, 39283, 39287, 39394, 39451, 39544, 39712, 39974, 40235, 40362, 40592, 40653, 40775, 40929, 41018, 41499, 41560, 41638, 41654, 41687, 41780, 41783, 41792, 41799, 41800, 41803, 41815, 42038, 42132, 42134, 42136, 42141, 42202, 42415,