



Release Notes OX App Suite v7.2.2
(2013-07-03)

1. Packages shipped with this Release

- Open-Xchange App Suite
 - Version 7.2.2-Rev 7 (built 2013-07-01/02)
- Open-Xchange 6 GUI
 - Version 6.22.3-Rev 3 (built 2013-07-01)
- OXtender 2 for Microsoft Outlook
 - Version 7.0.64
- Open-Xchange Notifier
 - Version 1.0.3
- Open-Xchange Client Updater
 - Version 6.18.20

2. Additional Information

All changes and bug-fixes listed in this release notes have been done subsequent to 7.2.1-Rev 4 (App Suite) and 6.22.2-Rev 7 (OX6).

Open-Xchange encourages administrators to regularly update to the latest available release. 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. In order to ensure a stable and up to date environment please note the different supported versions.

Open-Xchange will discontinue Support for AJP based communication between the HTTP server and the OX backend server with the major release OX App Suite v7.6, planned in November 2013. Open-Xchange already provides a new HTTP connector which is based on the Grizzly project. Download and configuration instructions are available at <http://oxpedia.org/wiki/index.php?title=AppSuite:Grizzly>. Starting with the release in November 2013, the current AJP based communication won't be supported. We encourage administrators to update to the available Grizzly implementation.

Debian 7 (Wheezy) was released by the Debian project on May 4th 2013. Both OX AppSuite and Open-Xchange Server 6 will be supported on Debian 7 with OpenJDK 7 and MySQL 5.5 starting with the next major release of OX AppSuite, version 7.4. Please note that the combination Debian 7 / OpenJDK 6 or Sun Java 6 will not be supported as a platform by Open-Xchange.

3. Bugs Fixed with this Release

Open-Xchange App Suite

Back-End:

- 23399 Messages sent to "" in the sender field in case Polish sign are included
Avoid quotes in non-ascii personal parts.
- 24519 Embedded Picture automatically removed while forwarding an email
Maintain inlined images during auto-save and forward/reply actions.
- 24582 Using different addresses in primaryMail and DefaultSenderAddress results in different behaviours in OX UIs
Always pass default sender address as value for email1 for internal users.
- 24819 "changeip" requests pollutes log with invalid "Missing Cookies in HTTP request" messages
Log changed IP information as debug only.
- 24899 links are not interpreted correctly in base64 encoded Mails
Honor HTML head's <base> tag when processing anchors and images.
- 24916 Can't delete contact photo via portal/contact data/detail view
Fixed in the meantime.
- 24923 Changing Timezone does not persists
Fixed in the meantime.
- 25194 some settings (SSL) for external mail account are not applied
Removed auto-check of ports vs. SSL flag, but drop a warning instead.
- 25503 "Cannot resolve mailadmin for context" when using autocontextid bundle
Don't initialize extended capabilities if about to create associated config's user.
- 25642 After Update UI breaks on errors 'TypeError: u is undefined' and 'TypeError: localUserConfig.subscribedFolders'
The duplicate configuration file needs to be removed, so every new property in the new configuration file is available.
- 25653 "attachmentToken" not registered in new dispatcher framework; mail attachments cannot be downloaded
Switch to "Transfer-Encoding: chunked" for chunk-wise streaming to HTTP stream.
Moreover, fixed Content-Type HTTP header to let Android devices properly display/open downloaded parts.
- 25804 getaccesscombinationnameforuser shows null after removing editpassword from properties file
Introduced a new method
com.openexchange.groupware.userconfiguration.UserConfiguration.Permission.byBits(int, boolean) which will return the permissions independent from the AvailabilityChecker, if desired.

- 25987 createuser and changeuser ignores removed "editpassword" from ModuleAccessCombinations
The modified access combination is orderly applied to created/changed user.
- 25996 com.openexchange.mail.JavaMailProperties missing on customer systems
Add the property with the correct value again. If the property still exists - if the customer is upgrading from a version before the software change request was implemented - then the path from the property value is removed.
- 26088 Drop obsolete settings like (com.openexchange.json.poolEnabled)
Options removed to resolve bug #26988.
- 26412 MAC Reminder - created task with reminder time - strange due date will be set automatically
The time difference was caused by only considering the date for a task's due date, which was corrected in the meantime by another bug fix.
- 26419 internal links for email attachments somehow published externally
Deny drag'n'drop of inline images and deny context menu, too.
- 26427 400 for /ajax/image/mail/picture
Resolved with fix for bug #26542.
- 26479 7.0.2 and 7.2 Backend only: Uploader only uploads one mail per chunk regardless of chunk setting
Accept multiple upload files associated with the same field name.
- 26497 "Accept changes" button is still displaying after accepting the changes in the appointment mail
Removed update action.
- 26509 Input two byte character strings are garbled on signature name
Support for multi-byte characters in snippet module.
- 26526 MySQLIntegrityConstraintViolationException after a provisioning call failed
Either the context itself or the context's default group is missing. This must be manually fixed.
- 26542 Embedded jpg in html mail does not get shown in 'list view' mode by opening the mail the first time
Accept inline sourced images; e.g. .
- 26589 changeuser short after creating the user will sometimes end up in 'No connection to database 6'
Resolved with fix for bug #27065
- 26607 Running runtimestats with -a, -x and -r option takes too long
Statistic information is now gathered concurrently and no more sequentially. This should speed up the CLI with maximum running time aligned to slowest task.
- 26737 Outlook does not sync Appointments with long UIDs
Extend the UID field of calendar tables.
- 26752 Password decryption fails once external password has been changed
Use SecretEncryptionService mechanism during mail account password migration.

- 26760 ArrayIndexOutOfBoundsException in MimeMailPart
Fixed possible ArrayIndexOutOfBoundsException.
- 26778 about 100 ERROR 'Exception while trying to output file <file>' messages per day in logfile
Preparation: Handle RuntimeExceptions in FileResponseRenderer.
- 26779 ERROR 'Bad input type: "email", creating a text input'
Check user name/password when executing a crawler's workflow.
- 26781 com.openexchange.exception.OXException.setLogMessage(OXException.java:483)
#012 Illegal message format
Proper invocation of OXException constructor.
- 26789 NPE while ERROR "Parsing of HTML content failed: null. Affected HTML content: ..." includes the whole HTML content
With the HTML content from the log files, the problem is not reproducible. Therefore we need the HTML content causing this problem. The partial fix will write the HTML content to temporary files if the parsing process fails and debug logging is enabled.
- 26832 session gets lost after about 2-3 minutes, after that long running AJP processes with this session ID
This fix is already contained since v7.2.1.
- 26838 Long running tasks
Ignore file uploads during request watcher tracking.
- 26852 Issues adding Facebook/Twitter account
Fixed Twitter/Facebook callback.
- 26859 Mail access not possible when using kerberos authentication
Fixed problem by encapsulate all access to javax.mail in the context having the Kerberos ticket.
- 26860 Login with username and password is not possible with kerberos authentication bundle
Add the feature of kerberos based username/password and proxy authentication.
- 26868 DOS like attack caused by one single user with >3000 logins per minute using webdav / caldav
Introduced a configurable rate limit to restrict number of incoming HTTP requests fired from a certain IP + User-Agent. If that rate limit is exceeded the associated client receives a "429 Too Many Requests" error code.
- 26879 firefox: mail attachment could not be opened in firefox internal pdfviewer after update to 7.2.1
Assume "inline" as default disposition.
- 26892 Misleading/Wrong 'CAPACITY' error message when 'INUSE' is affected
Use a more meaningful error message in case an in-use error occurs.
- 26895 Unclear if a user gets informed via the UI in case an additional imap account whats configured by hand and now has issues
Signal an over-quota error during folder create attempt as a severe error to ensure user is aware of that.

- 26898 Many protocol exception occurred during execution of IMAP request on customer system
Treat special "[NONEXISTENT]" error prefix as empty response.
- 26929 "forceupdatetask" fails with java.lang.NoClassDefFoundError:
com/openexchange/java/Streams
Dropped unnecessary class import.
- 26933 Contact image is not deleted when adding a new contact
Ignore uploaded image data if "image1" field is set to an empty string in provided JSON object.
- 26963 NPE at com.openexchange.mail.parser.MailMessageParser - Invalid TNEF contact
Ensure a non-null subject attribute to TNEF message arguments.
- 26966 NPE at
com.openexchange.data.conversion.ical.ical4j.internal.calendar.Alarm.getTrigger
Fixed possible NPE if parsed iCal alarm has an empty value.
- 26970 print icon is available even when the required backend package is not available
Provide capability "printing".
- 26978 java.lang.IllegalArgumentException: Empty key
Ensure obtained secret is not empty; otherwise throw a "SCR-0003" error.
- 26979 long running threads while parsing mails (regex.Pattern\$CharProperty.match)
Added monitor to track parsing of CSS content and interrupt parsing after 7 seconds and show the user the message content with unparseable CSS content removed.
- 26982 Move, delete operations with a lot of emails creates a DOS like behavior by retries with more and more IMAP connections
Deny concurrent invocation of same operations with equal arguments.
- 26984 MAPI_E_COLLISION directly after starting of Outlook
Accept optional parameter "ignoreTranslation" to signal no translation of folder names and use it in USM.
- 26985 NPE at com.openexchange.importexport.importers.VCardImporter.importData - cannot convert contact object
Introduced the possibility to output VCard's content to log file if log level is set to FINE; simply add
"com.openexchange.importexport.importers.VCardImporter.level=FINE" to file-logging.properties.
- 26994 Sending Mails with an additional mail account, EAS no correct password decryption fails silently on the server side
Output exception (+ stack trace) to log file if message transport fails due to a wrong password.
- 26995 The file which is attached to a contact is not getting opened in a new tab
Honor "delivery" parameter on attachment download (even though Content-Type indicates "application/octet-stream").
- 27015 EAS related ERRORS in groupware.log: "server-response=Invalid content type in response: text/javascript;
Ensure proper Content-Typer header on download of a message's source.

- 27048 `java.lang.StringIndexOutOfBoundsException: String index out of range: 0 at java.lang.String.charAt(String.java:658)`
Check provided capability prior to parsing it (associated configuration scope might return an empty string).
- 27060 Memory consuming of OX server grows to maximum over time
Refactored to use an improved concurrent collection to ensure cached items are properly evicted after 5 minutes time-to-live threshold. Hazelcast JMX MBean can be disabled via `"com.openexchange.hazelcast.jmx=false"` in `hazelcast.properties`. Hazelcast logging system can be disabled via `"com.openexchange.hazelcast.logging.enabled=false"` in `hazelcast.properties`.
- 27065 No Connection to database after updating to 6.22.1
Changed the code that a missing replication monitor counter is handled like a too old counter on the slave. A too old counter on the slave means that the last transaction written to the master is not yet replicated to the slave. The code then redirects a connection for reading data to the master.
- 27083 Unable to forward a mail or save it as draft
Throw appropriate error if an inline image cannot be found inside a message.
- 27116 NPE when using `"com.openexchange.passwordchange.script.impl.ScriptPasswordChange.executePasswordUpdateShell"`
Added null guard + indicate an appropriate error if argument is null or empty.
- 27121 No error message for CSV import
Properly display error message to user.
- 27125 Many Long running tasks and Oxtender users with big mail boxes has serious issues and high load after upgrade to 7.2.1
This bug should be fixed by some major optimizations done for other bugs.
- 27157 OX groupware.log: 'exceeds max. running time' (user with a lot of appointments, error functions: Calendar/HashMap*)
Chunk-wise loading of participants (given a possibly huge SQL IN string) to improve loading of appointments from database. Additional improvements were done for other bugs.
- 27165 `NullPointerException` with Unified Mail and Oxtender 2
Choose fall-back sort field if passed one is null.
- 27203 Contextstore is unable to restore context
Offer possibility to provide configdb name on CLI invocation; otherwise parse it from `"writeUrl"` property in file `configdb.properties`.
- 27208 Frontend is misleadingly encoding a URL in a HTML Mail
Keep URL-encoded '+' characters in links intact.

Front-End:

- 25660 Missing indicator for low priority mails
Fixed missing commit to repository.
- 26259 Mail refreshes continuously after accepting delete changes of a series of appointments
Bug based on a missing validation of an empty user array.
- 26288 Settings menu does not open in Chrome sometimes
Not reproducible, seems to be fixed in the meantime.
- 26296 Attached .eml file disappears when repeat the save of the mail
Fixed problem that nested messages weren't handled when saving as draft. The code is now unified with the code used for sending mails (which is technically the same as saving as draft).
- 26396 Unable to search for contact by phone number or address
Fixed by using action=advancedsearch to search and adding checkboxes to select the range of fields searched.
- 26397 save attachment from forward mail preview window results in an error
Fixed handling for attached mails in compose view that are referenced via msgref property.
- 26406 "View" option is translated incorrectly in "Default calendar view" under settings
Added translation.
- 26408 The Japanese translation for one of the Mail settings for "Thread View" is not proper
Added translation.
- 26424 Mail states within 'Recent conversations' do not get updated after reading mails
Fixed in the meantime.
- 26484 'This file has not been added' error by trying to upload file to infostore
Error message will now be shown as expected.
- 26505 canceling a Distribution list edit does not work
Fixed model creating and destroying.
- 26511 Direct link of a file is not opening in another browser
Fixed app jump.
- 26536 Outdated Appsuite mail folder view
VGrid always repaints if data is reloaded. It no longer tries to be smart if internal data seems to be the same.
- 26543 Reminder message for mails arrives late
Fixed timer.
- 26575 Emails marked as unread are automatically being marked as read simply by changing to another folder and back
Set "DELAY" up to 60 seconds. During this time an email marked as unseen stays unseen even if selected. This was at 3 seconds before.
- 26608 Severe Error message appears for signatures
If nothing selected in the signature area the underneath buttons are disabled.

-
- 26612 Reminders for tasks created in a subfolder are not coming
Fixed API and timer.
 - 26616 Deleted contacts appear in the auto lookup
Added autocomplete handler which cleans cache if contacts are created, changed or deleted.
 - 26620 Contents of text file, stored in file module, are displaying outside the preview area
Fixed CSS.
 - 26644 Changes in txt files made by SimplePad do not get saved or shown
The "id" was missing for updates, so nothing happened.
 - 26649 access-infostore=off leaves attachment link for contacts but removes the link for
Tasks and Appointments
Fixed capability check.
 - 26712 Draft mail does not get deleted automatically when draft is finished and sent
UI is now correctly setting the sendtype for an edited draft mail and adds the
deleteDraftOnTransport = true as an url parameter.
 - 26722 Disabling javascript does not show a warning on login screen
Added <noscript> warning.
 - 26725 QR cord gets garbled
The QR code has been removed.
 - 26750 redundant timezone names are displayed in Japanese
Remove double entries from sorted selection list.
 - 26785 Upcoming birthdays tile does not work as expected
Weeks were not calculated correctly.
 - 26808 In compose module, scrollbar is displayed for 1or 2 entries in suggessted contacts
Removed unused CSS.
 - 26820 Mini calendar is not displaying if the due date text box is clicked further times
Renew event handling on input tag.
 - 26825 Plugins using namespace 'signin' won't be loaded anymore
Fixed manifest reset.
 - 26830 Rename feature of files module renames title and internal filename
Removed title from upload/rename dialogs, added confirm dialog if user removes
filetype from filename (rename action) and the title is only used for old 'description
only entries' when no filename is available.
 - 26855 Invalid facebook twitter messages in appsuite error log
First drawing round of portal widgets considers if accounts are missing, refresh just
tries to load data; that caused the error of course.
 - 26875 The deleted Mail Thread is not displayed in the "Trash" folder immediately after
deletion
Added "resetTrashFolders" function that clears caches. Triggered by "remove" and
"clear folder" actions.

- 26877 Editpassword feature is hidden
Added button to general settings page.
- 26901 pop3.refreshrate not saved while adding external account
When rendering UI dialog corresponding default values will be set in model (if not set yet).
- 26921 Some part of context menu options are displayed in English
Add translation.
- 26925 IE9: csv contact can not be imported - error messages during Import
Fixed in the meantime.
- 26939 Months should be capitalized in appointment
Fixed strings.
- 26952 On "Create appointment" page "last" appears twice in the drop-down menu when selecting repeat an monthly appointment
Remove unused option.
- 26970 print icon is available even when the required backend package is not available
Check capability "printing" in frontend.
- 26991 The "show all" function does not work in appointment search results screen
Hide grid toolbar options on search.
- 27040 No error message is displayed when wrong anniversary date is entered for a contact when section got collapsed
Adjusted handling server response to return qualified error messages to the user.
- 27043 When selecting to empty a folder, the customer is not prompted/warned
A prompt will now be displayed similar to delete.
- 27078 "The Twitter REST API v1 is no longer active" error message in portal widget
Fixed Twitter URLs.
- 27128 print preview for task not show all data
Added missing Fields.
- 27138 Firefox (win): not able to add attachment from Attachment Browse window, even "Just drop the file anywhere..." is shown
Drag n drop isn't technical possible if file upload window is opened. Dropzone is visually deactivated now if file upload window is opened.
- 27143 birthday date gets saved to the previous date
Birthdays were calculated by timezone, so timezones with negative hours offset got the previous day. Removed this calculation because birthdays do not change of course.
- 27206 Exporting a contact folder only exports the "Given name"
Fixed in the meantime.

Open-Xchange 6 GUI

- 23106 Polish Upsell-Layer wrong wording: "Darmowa wersja próbna..." instead of "Zamów ..."
Changed translation.
- 23984 inconsistent Error message
Changed translation.
- 23994 Google calendar refresh not working
In case it's a google calendar subscription the user will see a confirm dialog asking if he really wants to continue as soon as he clicks on the button 'Refresh'.
- 24359 updater is offered w/o Outlook access and w/o notifier available
The UI now checks if there's any product which has been set to true. Only in this case we show the updater page within the users configuration.
- 25347 settings contact collector cannot be saved
Fixed wrong null check.
- 25371 GUI - unified inbox - gear wheel is show instead of "empty folder icon" beside "empty folder"
Fixed wrong linked icon.
- 25386 Content of old mail displayed
Fixed problem displaying as attachment forwarded mails.
- 25875 Unwanted pop-up "Do you want to save your configuration?" appears on UI when user navigates among e-mail options in Configuration
Fixed dirty flag.
- 26298 Moving a message to a folder without write permissions moves it to the next (parent) folder with sufficient rights instead
Don't fall back to the next writeable folder in the folder selection.
- 26651 WebGUI, Modul E-Mail: 'Spam / kein Spam' is displayed
Fixed right check.
- 26791 Number of attachments window
Optimized the timing when calculate the height of the attachment div.
- 26833 External participants which are in the same context vanish from appointments
Map id to user_id if not present.

OXtender for Business Mobility and USM

- 26365 Failed to send more than 2049 characters in "To" Field
The code in USM has been changed for all recipient fields (to, cc, bcc): Instead of setting the header in one call with the combined address list, which seems to cause problems in javax.mail for long header lines, USM now sets the recipients individually. This causes javax.mail to split the header correctly into multiple lines.
- 26647 Error while sending email from mobile devices in case Display Name is setup with a comma
Changed the USM behavior so that the display name in the from-header is always quoted.
- 26845 Many "Timeout while waiting for exclusive access to OX server" messages in log file
Optimized request method to read fewer elements, if possible. Increased timeout limit.
- 27076 Appointments do not get synced up into OX GUI, downsync works
Changed error code so that the synchronization may continue for the other objects.
- 27077 high CPU load on OX-Server after adding (migrating) Exchange Users to OXtender Users
Synchronization action=all requests are used only with minimum number of fields, only modified objects are read from OX using action=list, action=list is split into multiple calls if more than 500 objects need to be read, other calls with action=all eliminated/reduced to minimal fields followed by action=get on individual element. It isn't clear if this is the root cause of the problem, so the bug isn't set to fixed yet.
- 27201 SST_FOLDERCONTENTS_IMPORT - bad syncid
Remove USM session from memory if a password change fails.

OXtender 2 for Microsoft Outlook

- 26805 old Ressources (created with OX6) are not usable anymore with Outlook
There was a problem which corrupted resources on update. Fix also repairs the resources.
- 26839 ribbon in German Outlook Version is english
Vacation notice and Options are now correctly translated.
- 27132 Appointment isn't synced - probably because of "errorCode": 6357270
Same cause as bug #27076.

Other

- 26747 Installation and Configuration of the CalDAV- and CardDAV-bundles documentation contain wrong port for grizzly
Updated the wiki page to reflect the changed default port.

4. Changes applied

4.1. Changes relevant for Administrators

4.1.1. Changes of Configuration Files

Change 1458 - Added new property "com.openexchange.mail.maxMailSize" in mail.properties

Added new property "com.openexchange.mail.maxMailSize" in mail.properties to specify the max. mail size allowed being transported.

Change 1459 - Added new property "com.openexchange.mail.supportMsisdnAddresses" in mail.properties

Added new property "com.openexchange.mail.supportMsisdnAddresses" in mail.properties to allow sending emails from phone numbers.

Change 1462 - New possible option for com.openexchange.spamhandler.cloudmark.targetSpamFolder

There should be an option to avoid any move or deletion for spam/ham messages.

These are the possible values for the option after the change.

New option:

Value 0 = "Do not move the message at all"

```
# Defines to which folder the selected mails should be moved to after they have  
# been bounced to the target eMail address. If no option is configured the  
# selected mails will be moved to the users trash folder. Possible options are:
```

```
#
```

```
# 0 = Do not move the message at all
```

```
# 1 = User's trash folder (Default)
```

```
# 2 = User's SPAM folder
```

```
# 3 = Subscribed confirmed-spam folder (experimental)
```

```
com.openexchange.spamhandler.cloudmark.targetSpamFolder=2
```

Change 1464 - Avoid timeout through initiating interim responses

To avoid possible timeouts to client interim responses are initiated. It is possible to configure the behavior how, when and how many times those responses are initiated.

File 'grizzly.properties' is therefore enhanced by:

Specify the ping mechanism to use.

Currently supported values:

- * NONE -- No ping at all
- * PROCESSING -- Ping through 102 Processing interim response
- * CONTINUE -- Ping through 100 Continue interim response
- * WHITESPACE -- Ping through transmitting a whitespace character (and implicitly committing HTTP response)

Default is PROCESSING.

`com.openexchange.http.grizzly.ping=PROCESSING`

The ping delay aka frequency in milliseconds.

Default is 90000.

`com.openexchange.http.grizzly.pingDelay=90000`

The number of pings allowed being initiated before quit

A value of zero or less means unlimited (actually $2^{31} - 1$)

Default is 9 (because Apache has a hard-coded limit of 10)

`com.openexchange.http.grizzly.maxPingCount=9`

Change 1467 - Reduce log level for htmlunit.jar

Reduce log level for htmlunit.jar by introducing an additional line to "file-logging.properties" file:

`com.gargoylesoftware.htmlunit.level=WARNING`

Log outputs are therefore restricted to warnings/errors for associated 3rd party library.

Change 1468 - Added "-XX:-OmitStackTraceInFastThrow" option to JVM arguments

Appended "-XX:-OmitStackTraceInFastThrow" option to JVM arguments "JAVA_XTRA_OPTS" in file 'ox-scriptconf.sh'.

That options forces the JVM to always provide proper stack traces especially for NullPointerExceptions.

Change 1470 - Removed obsolete IMAP property

Removed obsolete IMAP property "com.openexchange.imap.maxIMAPConnectionIdleTime" from `imap.properties` file.

Change 1483 - Introduced a rate limit for HTTP requests

Due to the need to rate limit incoming HTTP requests to prevent from a DoS attack, following options are added to 'server.properties' to configure that rate limit:

```
# Specify the rate limit' time window in which to track incoming HTTP requests
# Default value is 300000 (5 minutes).
com.openexchange.servlet.maxRateTimeWindow=300000

# Specify the rate limit that applies to incoming HTTP requests
# A client that exceeds that limit will receive a "429 Too Many Requests" HTTP error code
# That rate limit acts like a sliding window time frame; meaning that it considers only
# requests that fit into time windows specified through "com.openexchange.servlet.maxRateTimeWindow"
from current time stamp:
# window-end := $now
# window-start := $window-end - $maxRateTimeWindow
# Default value is 1500 requests per $maxRateTimeWindow (default: 5 minutes).
com.openexchange.servlet.maxRate=1500

# Specify (wildcard notation supported) those User-Agents to which applies a lenient rate limit boundary
# Lenient means, 4 times more requests are allowed
# Default value:
com.openexchange.servlet.maxRateLenientClients="Open-Xchange .NET HTTP Client*", "Open-Xchange
USM HTTP Client*", "Jakarta Commons-HttpClient*"

# Specify how to associate a rate limit with a HTTP request
# By default a rate limit is associated with that tuple of { remote-address, user-agent }
# This does not apply to all scenarios. Therefore it is possible to specify more parts in a comma-separated
list that build up the key.
# Possible values are:
# - "http-session" := The identifier of the request-associated HTTP session aka JSESSIONID cookie
# - "cookie-" + <cookie-name> := Specifies the (ignore-case) name of the arbitrary cookie whose value is
considered. If missing it is ignored.
# - "header-" + <header-name> := Specifies the (ignore-case) name of the arbitrary header whose value
is considered. If missing it is ignored.
# - "parameter-" + <parameter-name> := Specifies the (ignore-case) name of the arbitrary parameter
whose value is considered. If missing it is ignored.
#
# E.g. com.openexchange.servlet.maxRateKeyPartProviders=cookie-My-Secret-Cookie, parameter-
request_num
#
# Default is empty; meaning only remote-address and user-agent are considered
com.openexchange.servlet.maxRateKeyPartProviders=
```

Change 1489 - Changed default value of property "com.openexchange.sessiond.asyncPutToSessionStorage"

Changed default value of property "com.openexchange.sessiond.asyncPutToSessionStorage" in file 'sessiond.properties from "false" to "true".

Change 1490 - Changed value of property "com.openexchange.hazelcast.maxOperationTimeout"

Changed value of property "com.openexchange.hazelcast.maxOperationTimeout" in file 'hazelcast.properties' from "300000" (5 minutes) to "5000" (5 seconds).

Change 1492 - Dropped obsolete options for JSON pooling

Dropped obsolete options for JSON pooling from file 'server.properties':

- com.openexchange.json.poolEnabled
- com.openexchange.json.poolSize
- com.openexchange.json.poolCharArrayLength

Change 1494 - Extension of <service>oauth.properties files to allow deactivation of some OAuth dependent services

Currently we deliver the following services that make use of some content providers API:

- Facebook
- LinkedIn
- MSN
- XING
- Twitter
- Yahoo

These configuration files have been extended:

=====

```
facebookoauth.properties:  
# Enable/disable Facebook OAuth support  
com.openexchange.oauth.facebook=false
```

```
linkedinoauth.properties:  
# Enable/disable LinkedIn OAuth support  
com.openexchange.oauth.linkedin=false
```

```
msnoauth.properties:  
# Enable/disable MSN OAuth support  
com.openexchange.oauth.msn=false
```

```
yahoooauth.properties:  
# Enable/disable Yahoo OAuth support  
com.openexchange.oauth.yahoo=false
```

Please note that twitteroauth.properties and xingoauth.properties have according properties yet.

Change 1497 - Offer possibility to disable Hazelcast JMX MBean and logging system

Added option to hazelcast.properties:

```
# Specify whether to enable Hazelcast's logging system.  
# Default is true  
com.openexchange.hazelcast.logging.enabled=true
```

Change 1498 - Removed "-XX:+CMSClassUnloadingEnabled" JVM argument

Removed "-XX:+CMSClassUnloadingEnabled" JVM argument from file ox-scriptconf.sh.

4.1.2. Changes of Database Schemes

Change 1466 - Added update task to enlarge the UID field of calendar tables

Added update task to enlarge the UID field of calendar tables

Column "uid" of tables "prg_dates" and "del_dates" is enhanced to support up to 1024 characters through an ALTER TABLE command.

Change 1522 - Adjust "last modified" for user contacts affected by changed default sender address

With the fix of bug #24582, the rdb contact storage always passes the configured default send address as value for email1 in user contacts. To indicate the changed server handling, the "last modified" is adjusted once for contacts where the "email1" field differs from the configured "send address". Doing so, external synchronization are able to determine the updated objects.

The following statements are executed:

First get affected entries with:

```
SELECT prg_contacts.intfield01, prg_contacts.cid FROM prg_contacts LEFT JOIN user_setting_mail  
ON prg_contacts.cid = user_setting_mail.cid AND prg_contacts.userid = user_setting_mail.user  
WHERE prg_contacts.userid > 0 AND prg_contacts.field65 <> user_setting_mail.send_addr;
```

Then, update the last-modified time for all found entries with:

```
UPDATE prg_contacts SET changing_date = ? WHERE cid = ? AND intfield01 = ?;
```

4.1.3. Changes of Behavior

Change 1463 - Extension of the SPI `com.openexchange.contact.storage.ContactStorage` for counting contacts within folders

The SPI `com.openexchange.contact.storage.ContactStorage` has been extended by a method declaration for counting contacts:

```
int count(Session session, String folderId, boolean canReadAll) throws OXException;
```

This affects our internal RDB and LDAP implementations as well as all custom implementations.

4.1.4. Changes of Packaging

- none -

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>

4.2. Changes relevant for Developers

4.2.1. Changes of the HTTP API

- none -

4.2.2. Changes of the RMI API

Change 1505 - Offer optional for ConfigDB's schema name on context-restore invocation

Offer optional for ConfigDB's schema name on context-restore invocation

"restore" method of RMI interface

"`com.openexchange.admin.contextrestore.rmi.OXContextRestoreInterface`" is therefore enhanced to:

```
restore(Context, String[], String, Credentials, boolean)
```

The third parameter "optConfigDbName" provides the optional name of the ConfigDB schema.

4.2.3. Changes of the SOAP API

- none -

4.2.4. Changes of the CLT API

Change 1506 - Offer optional for ConfigDB's schema name on "restorecontext" CLI invocation

Offer optional for ConfigDB's schema name if it differs from default naming if "configdb".

Usage: restorecontext

-h, --help Prints a help text

--environment Show info about commandline environment

--nonl Remove all newlines (\n) from output

-c, --contextid <contextid> * The id of the context

-A, --adminuser <adminuser> ? Admin username

-P, --adminpass <adminpass> ? Admin password

-f, --filename <filename> * Comma-separated list of filenames with full path

-n, --dry-run Activate this option if do not want to apply the changes to the database

-d, --configdb <configdb> (Optional) The name of the ConfigDB schema. If not set, ConfigDB name is determined by "writeUrl" property in file configdb.properties

Entries marked with an asterisk (*) are mandatory.

Entries marked with a question mark (?) are mandatory depending on your configuration.

Entries marked with a pipe (|) are mandatory for one another which means that at least one of them must be set.

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. Known issues

The appointment conflict dialog of the OXtender 2 for Microsoft Outlook isn't fully translated and contains two English strings. This will be fixed with the next version.

7. Fixed Bugs

23106, 23399, 23984, 23994, 24359, 24519, 24582, 24819, 24899, 24916, 24923, 25194, 25347, 25371, 25386, 25503, 25642, 25653, 25660, 25804, 25875, 25996, 26088, 26259, 26288, 26296, 26298, 26365, 26396, 26397, 26406, 26408, 26412, 26419, 26424, 26427, 26479, 26484, 26497, 26505, 26509, 26511, 26526, 26536, 26542, 26543, 26575, 26589, 26607, 26608, 26616, 26620, 26644, 26647, 26649, 26651, 26712, 26722, 26725, 26737, 26747, 26750, 26752, 26778, 26779, 26781, 26785, 26789, 26791, 26805, 26808, 26820, 26825, 26830, 26832, 26833, 26838, 26839, 26845, 26852, 26855, 26859, 26860, 26868, 26875, 26879, 26892, 26895, 26901, 26921, 26925, 26929, 26933, 26939, 26952, 26963, 26966, 26970, 26978, 26979, 26982, 26984, 26985, 26991, 26994, 26995, 27015, 27040, 27043, 27060, 27065, 27076, 27077, 27078, 27083, 27116, 27121, 27125, 27128, 27132, 27138, 27143, 27157, 27165, 27201, 27203, 27206, 27208