Open-Xchange

Advanced Server Edition & Server Edition for

Univention Corporate Server

v6.20

Release Notes 1.01

Release Date: 2011-05-05

**Prior to installing please make yourself aware of the
Known Issues described in this document.**

Table of content

1. About this Release

This is the major release v6.20 of Open-Xchange Advanced Server Edition and Open-Xchange Server Edition for UCS. This release contains significant enhancements and API extensions.

In line with Open-Xchange Server 6 the following components/products will be released:

- Open-Xchange Client Updater
- OXtender for Business Mobility

The OXtender for Mac OS X is still delayed and will be released soon after the release of OX6 v6.20.

Please Note:
Prior to installing please make yourself aware of the Known Issues described in this document.

If you experience any misbehavior, please report bugs via our public Bugzilla:
http://bugs.open-xchange.com

Customers and partners with Extended Support please report through your dedicated support channel instead.

2. Shipped Packages and Version

2.1. Open-Xchange Server 6

Version: OX v6.20.0 Rev 8 (built 2011-04-20/21)

The version number is the same for the OX groupware web front-end, the OX groupware back-end and the OX administration back-end.

When reporting bugs, please make sure to include this version number in your bug report.

The version number can be found
a) in the Login dialog
b) in the about dialog (Question icon in the upper right -> about)
c) The build number can be found at the About-Dialog of the Univention Directory Manager

2.2. Univention Corporate Server

Version: 2.4 - Sec 3

The build number can be found at the About-Dialog of the Univention Directory Manager.

2.3. OXtender 2 for MS Outlook

File name: OXtender 2 for Microsoft Outlook_v7.0.12<language>.exe

When reporting bugs, please include the version number in your bug report.

The version number can be found
a) In the splash screen when starting Outlook
b) Extras -> OXtender for MS Outlook -> About

2.4. OX Client Updater

Version: v6.20.0.0-5

When reporting bugs, please include the version number in your bug report.

The version number can be found via
Windows action bar -> OXUpdater Icon -> RMB -> "About"

2.5. OXtender for Business Mobility

File names:
open-xchange-usm
open-xchange-eas

When reporting bugs, please include the version number in your bug report.

3. Installation instructions

The Open-Xchange Advanced Server Edition (ASE) includes the groupware Open-Xchange and the integration packages for Univention Corporate Server (UCS).

3.1. Update from OX AE to OX ASE

The system can then be updated as usual for UCS using the univention-updater net command or the UMC module Online Update.
  • Please enter your username/password first under the component called „OX" and activate it.
  • Within the online-updates module of UMC, under Release information, there is provided the new update
  • Click on "Install this update"
  • Reboot

3.2. Single Server Installation

Open-Xchange Advanced Server Edition Quick install Guide for the setup on one server with a DVD Image:
http://oxpedia.org/wiki/index.php?title=ASE_Installation_Single

3.3. For Experts: Multi Server Installation

Open-Xchange Advanced Server Edition Quick Install Guide for the setup on multi server:
http://oxpedia.org/wiki/index.php?title=ASE_Installation_Multi

4. New Features

4.1. Open-Xchange Server Highlights

Highlights in this release are:

New Languages
- Italian language support
- Language support for Simplified Chinese
- Japanese language support includes Kana-based sort orders, selection and search

Calendar and calendar team view improvements
- Order of appointments on z-index in team view
- User can hide non-working times in team view
- User can search for categories of calendar entries
- The calendar month view title shows the full month name and year (e.g. December 2010).
- Participant/Attachment functions are always enabled in the panel

Mail module improvements
- User can mark mails as read for a whole folder

General improvements of the user front-end
- Theme-able login screen
- Redesigned start page
- Embedded edit- and new-windows
- In-line buttons to open context menu
- Improvements of the quota display
- User can choose between a full panel with intuitive icons or a space saving one-line panel

Please note:
A severe flaw of Java 5 (which is shipped with SLES10) potentially allows denial-of-service attacks (DoS). Those have been addressed with Java 6 and thus with SLES11.

"This feature relies on the implementation of RFC 5260 "Sieve Email Filtering: Date and Index Extensions". Please check the documentation of your IMAP Server if this feature is supported."

4.2. OXtender for Business Mobility

- Synchronization of mail subfolders and shared mail folders
- On iPhones: Synchronization of PIM subfolders (Contacts, Calendars, Tasks)
- On iPhones: Synchronization of shared and public PIM folders
- External invitation handling

5. Major Changes

This chapter describes the major changes applied since release of v6.18.2, including changes relevant for
- Developers,
- Administrators,
- End Users, and
- License changes.

5.1. For Developers - API Changes

This section contains information about
- RMI changes
- Changes of the Command Line Tools (CLT)
- Changes of the HTTP-API
- Changes in the Mail Abstraction Layer (MAL)
- Changes in Front-End Customization/Theming

5.1.1. RMI

Change #582 - Change of showruntimestats Script

The "showruntimestats" console tool has been extended to display the thread pool monitoring. This required a new parameter (-p, --threadpoolstats).

The usage of "showruntimestats -p" shows five values:
PoolSize
ActiveCount
LargestPoolSize
TaskCount
CompletedTaskCount

When using the common parameter "-a" to show all statistics, the thread pool statistics will also be displayed.

Change #586 - Dynamic Attributes for Contexts – RMI

Context objects contain a new attribute "userAttributes" and setter and getter methods as well as a SOAP bridge object.

Note: Clients using the RMI client libraries will have to use the new version of the .jars.

Change #633 - UWA Modules Graduate to a Back-end Module

Users for their account can define either in backend configuration files or UWA widgets individually. Context specific UWA widgets will, at a later time, be definable via the RMI/SOAP/CLT APIs.

A UWA Widget consists of:

- A URL from where to fetch the widget
- A title which is displayed in the portal
- A boolean indicating whether the widget is capable of running in standalone mode (i.e. embedded in an iFrame)
- A boolean indicating whether a widget is currently displayed in the frontend ("visible")
- A boolean indicating whether a widgets auto-refreshes itself (not used currently)
- An arbitrary key-value map of parameters for the widget
- An arbitrary JSON object ("adj") used by clients for positioning information
- A boolean indicating whether a widget is protected, meaning only the positioning information may be updated by clients

Server side UWA widgets are configured in a .yml file containing the definition of the predefined widgets.

Example:

Consider two .yml files with their respective sets of widgets, freeEditionWidgets.yml for free webmail customers and premiumWidgets.yml for paying customers:

/opt/openexchange/etc/groupware/freeEditionWidgets.yml:

```
ads:
autorefresh: true
parameter: "{customerType: 'free'}"
standalone: true
url: http://www.fantasyhosting.invalid/widgets/Ads
visible: true
title:Offerings from Fantasy Hosting

newAndNoteworthy:
autorefresh: false
parameter: "{customerType: 'free', includeUpsell: 'true'}"
standalone: true
url: http://www.fantasyhosting.invalid/platformNews
visible: true
title: New and Noteworthy
```

/opt/openexchange/etc/groupware/premiumWidgets.yml:

```
ads:
autorefresh: true
parameter: "{customerType: 'free'}"
standalone: true
url: http://www.fantasyhosting.invalid/widgets/Ads
visible: true
title:Offerings from Fantasy Hosting

newAndNoteworthy:
autorefresh: false
parameter: "{customerType: 'premium'}"
standalone: true
url: http://www.fantasyhosting.invalid/platformNews
visible: true
title: New and Noteworthy

localNews:
autorefresh: true
parameter: "{location: 'DE-12345'}"
standalone: true
url: http://www.newprovider.invalid/widgets/News
visible: true
title:News
```

In the config file uwaWidgets.properties, the configuration property "com.openexchange.frontend.uwa.widgetFile" (which can be overridden along the config cascade) points to the filename to be used. So depending, for example, on the module permissions either the free edition widgets or the premium widgets could be sent to the client. No general recommendations for the configuration layout for this can be given, as this is heavily dependent on individual deployments and the needs of the hoster.

Individual user widgets can be managed by clients using new HTTP-API calls in the module uwaWidgets, following typical HTTP API conventions (with actions "get", "all", "update", "delete", "new"). For details please refer to the HTTP-API documentation in OXpedia.

Change #669 - User Class needs to support IPv6

Two methods of the class User did not comply with the Bean style API. In addition they had been confusing because getter-methods did not return what had been set by the respective setter-method.
These are the methods:

- getImapServer()
- getSmtpServer()

Two new getter-methods now return what was actually set by the setter-

methods. So they just do, what the above mentioned methods should have done according to the Bean style API:

- getImapServerString() now returns value set with setImapServer()
- getSmtpServerString() now returns value set with setSmtpServer()

The following methods are deprecated in the class User because they only work with IPv4 addresses or hostnames because they try to parse what is set with the above mentioned setters:

- getImapSchema()
- getImapPort()
- getSmtpSchema()
- getSmtpPort()

When the deprecated methods get removed, the following methods will return what was set with the setter-methods. Currently they return only the hostname or the IPv4 address:

- getImapServer() should then return the value set with setImapServer()
- getSmtpServer() should then return the value set with setSmtpServer()

5.1.2. CLT – Command Line Tools

Change #588 - Dynamic Attributes for Contexts

The CLT for createcontext and changecontext now contain dynamic attribute setters. A dynamic attribute consists of a namespace, a name and a value. Attributes have to be specified in the form --namespace/name=value or, for removal --remove-namespace/name. For example:

```
ceatecontext -i [someid] -A ... -P ... ...
--com.openexchange.some.feature/someAttr=someValue
```

or

```
createcontext -i [someid] -A ... -P ... ...
--remove-com.openexchange.some.feature/someAttr
```

Change #627 - New Command Line Tool "changeaccessglobal"

This tool changes access rights for all users on a server. It is not limited to a schema or context.
Setting the global address book right is not possible.

Mandatory Parameter: -A
Admin username. Must be the master admin.

Mandatory Parameter: -p
Admin password.

Optional parameter: -f (-filter)

Filter. The call will only affect users with this access combination. Can be an Integer or a String, representing a module access definition. If left out, all users will be changed.

Options:
All access options except "access-global-address-book-disabled". "off" means to disable the right "on" to enable. There is no default value. Not setting an option means not to touch it.

Example:

```
changeaccessglobal -A oxadminmaster -P password --access-calendar=on --
access-tasks=on -f webmail_plus
```

The tool uses the following underlying RMI/SOAP Calls:

```
/**
*
* @param ctx Context object
* @param filter The call affects only users with exactly this access
combination. null for no filter.
* @param addAccess Access rights to be added
* @param removeAccess Access rights to be removed
* @throws InvalidCredentialsException
* @throws StorageException
* @throws InvalidDataException
* @throws DatabaseUpdateException
* @throws NoSuchContextException
*/
changeModuleAccessGlobal(String   filter,   UserModuleAccess   addAccess,
UserModuleAccess removeAccess, Credentials auth)
```

5.1.3. HTTP-API Changes/Extensions

Change #555 - Added Actions to User Interface to Store/Request Custom User Attributes

Added actions to user interface to store/request custom user attributes. This is especially needed for potential 3rd party custom plug-ins.

Change #566 - Supporting Batch Update of all Messages contained in a

Mail Folder

The OX front-end has been enhanced by an option in the right-mouse-button menu to mark all messages in a mail folder as read. Therefore the update mail call allows omitting "id"/"message_id" URL parameter to let the action affect **all** messages contained in the specified mail folder.

Change #594 – New Contact Fields for Kana Based Search/Sort Order

The following fields have been added:

ID, Name, Type
610, yomiFirstName, String
611, yomiLastName, String
612, yomiCompany, String

Change #596 - Login Request that can be used from HTML Forms

So far login request had been handled by the "easylogin"-servlet. Unfortunately the redirect workflow of that servlet required an additional request and response cycle. This has been optimized and the easylogin servlet could be eliminated.

The new login request can now be used from a simple HTML form. After entering login and password in that form, the user will be redirected to the web front-end. The new request is described in the HTTP API:

```
http://oxpedia.org/wiki/index.php?title=HTTP_API#Form_Login_.28since_6.20.29
```

Sample login forms are provided in the back-end's central package open-xchange. The paths for the example are as follows:

Debian: `/usr/share/doc/open-xchange/examples/login.html`
OpenSUSE: `/usr/share/doc/packages/open-xchange/examples/login.html`
RedHat: `/usr/share/doc/open-xchange-6.20.0/examples/login.html`

Change #601 – Yomi Fields added to Contact Search

Three new fields have been added with this release, named yomiFirstName, yomiLastName and yomiCompany. The prefix "yomi" indicates that this field stores a kana-based rendition of the name that was searched. This behavior is similar to Outlook. This is also the way our own GUI works with input from the search field.

Please note that the normal search for the initial letter ("startletter") will not work here: Kana are based on syllables. Use the advanced search (also in this release) to specify a range to search instead.

Change #620 - New Search for Contacts introduced

For contacts the new action=advancedSearch implements a more SQL-like way to query contact attributes, e.g. you can now use <, >, =<, >= and = and the logical connectors AND, OR to build a query.

For details please refer to:
http://oxpedia.org/wiki/index.php?title=HTTP_API#Search_contacts_by_filter_.28since_6.20.29

Note: This depends on the collation setting of your prg_contacts table, if you did not change anything and ran the updates, you'll be fine.

Change #626 - Contact Field "file_as" workable

The field "file_as" is now supported. It has always been documented as working, but wasn't, because internally it was written as "fileas". From this version on, the undocumented (and never supported) field "fileas" will stop working and be replaced by "file_as".

Change #643 - Renamed JSON class to JSONX in UI (marked as deprecated)

All supported browsers provide their own robust, fast, and native implementation of a JSON parser and serializer. Our implementation still overwrites those native handlers and makes them inaccessible. Therefore, with v6.20 the class got renamed to JSONX.

Please note:
These classes are not part of the public set of Open-Xchange's APIs.
The class JSONX has been marked as deprecated and most probably will be removed with v6.22.

This might affect plug-ins using the JSON class. UI, however, still adds "JSON" to the closure of "register.js". In consequence, most plug-ins just consisting of that single file will still work. Plug-ins that add extra code files, in which JSON is used, need to be adjusted. This does not affect the related class "ox.JSON".

Change #663 - New parameter for contacts: "collation"

To support languages that use a different sorting for their graphems (characters, syllables etc.) than what is covered by default in Java or MySQL, a new parameter named "collation" has been introduced.
Currently only Chinese ordering according to GB2312 or GBK is supported.

Change #667 - Configuration value telling the UI to show OLOX2 downloads

Two values have been added to the preferences tree:

/modules/olox20/active – Tells the UI if the user is allowed to use the OXtender for Microsoft Outlook 2.
/modules/olox20/module – Is set too false to prevent the UI from trying to load a plugin.

For details please see
http://oxpedia.org/wiki/index.php?title=HTTP_API#Module_.22config.22

5.1.4. Changes of database schemes

Change #685 - 'Value' column changed to TEXT

The config cascade saves user specific values in the user_attribute table. To allow the values to have an arbitrary length, the column type will have to be changed to TEXT. Conversely the contextAttribute tables value column will also be changed to TEXT.

In order for the schema change to be possible an index will have to be dropped and recreated. This is a potentially long running operation, though one that can be (and is) done in the background. The index is used for efficient lookups of aliases.

Change #703 - Some columns are too short for OAuth access tokens and secrets

Some access tokens for OAuth accounts are quite long. The first guess how long they can be did not cover that.

Now the UpdateTask
com.openexchange.oauth.internal.groupware.OAuthCreateTableTask2 extends the columns accessToken and accessSecret to TEXT types. This is a schema blocking update task because the database schema needs to be changed before access is granted to that schema. This task should run quite fast because that table is new to 6.20 release and should not contain that much data.

5.1.5. Changes of Front-End Customizations

Change #572 - Unused CSS Classes removed

Due to style changes, some parts of the themes are not used anymore. The following CSS classes can be removed from themes:
css/bgimages.css: all classes starting with "topheader", "oxheader" and the class "calbody-r".
css/global.css: the class "calbody-color".

Since the presence of unused classes has no effect, this change is backwards compatible.

Change #593 - Switch from image-based Borders to CSS3 Borders

To improve performance, the GUI has been gradually moved from image-based borders to CSS3 borders. This reduces the number of loaded images and reduces the complexity of the layout.

All image-based borders, which used the ox:border tag, have now been removed. The images which are no longer needed are the background images referenced by the cpheader-*, cpbody-* and cpbottom-* CSS classes. The classes themselves, with the exception of the *-color classes, are not used anymore either.

This is a backwards-compatible change.

Note: Theme authors may want to remove unused elements from their custom themes.

Change #623 - Front-end Changes Overview for 6.20.0

The Open-Xchange front-end (version 6.20) comes with a new theme-able login page and improved CSS handling. It is possible to theme the login page independently from the rest of the front-end. For this, the login page comes with its own CSS file, which can be found in the front-end theme folder ("themes/login"). It is now possible to change all elements separately from the default theme including the background, all images and all other CSS elements.

As a part of the visual redesign of all Open-Xchange icons, the new version of the Open-Xchange front-end provides new transparent folder icons in PNG format. Also, the calendar day icons, which display the current date in the module bar, have been switched from GIF to PNG. These changes improve the look and feel of the Open-Xchange user interface and provide custom designers with more options for their individual theme.

For a better compatibility of individual designs, we removed the static shadow border elements from the Open-Xchange front-end. In previous versions, this visual style was done by images. In the new UI version, this technique has changed to a new CSS method. CSS3 shadows allow us to customize the background image or background color more easily. This also means, it is now possible to use a gradient image or a CSS gradient as a background image.

The portal page has a completely new look and feel with changeable window styles and a cleaner handling as before. The style of the portal page can easily be switched to 5 different styles. Of course, drag and drop of each element on the portal page is still available.

The calendar day view and workweek view have changed to a cleaner and more readable style.

Some elements have changed in colors to fit the rest of the UI such as the popup windows.

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

Some of the recent improvements are bound to the CSS3 technology, which is not fully supported, by Internet Explorer 7 and 8. This does not affect the handling or functionality of the UI. It just doesn't look as nice as in other browsers.

5.1.6. UI –API (Draft)

Change # 678 - New Boolean to Suppress default Signature using ox.api.mail.compose

A new boolean has been added which allows to suppress adding the default signature when calling the ox.api.mail.compose function.

Just add the option to the data object. For example:

```
ox.api.mail.compose({
data: {
"default_signature": false,
...
}
});
```

When set to false the default signature will not be automatically added to the message text.

Please note:
The referenced API is still in progress and marked as "draft". It may change in the future!

5.1.7. MAL – Mail Abstraction Layer

- no changes -

5.1.8. Behavioral Changes

Change #599 - Enhanced error handling in open-xchange-passwordchange-script

So far, if the passwordchange-script failed, only a single cryptic error message has been presented to the user. Considering the diverse reasons for a password-change failure, there are now options in the script to pass more specific error codes to user in a readable way.

The following error codes can now optionally be submitted by an underlying script:

- generic cannot change password <error code>
- password too short
- password too weak

- user not found
- ldap error

This is a compatible change, existing setups don't have to be changed.

This code has been contributed by Sameul Kvasnica.

Change #661 – Changed Behavior of the Open-Xchange Wizard during Startup of the Groupware

During the launch of the Open-Xchange Groupware, the Open-Xchange Wizard got fully loaded whether the user has activated him or not. The new behavior only loads a small part of the Wizard, which checks whether the Wizard is activated, or not. If activated, the Wizard gets loaded completely. This speeds up loading the Groupware in case a user has a deactivated Wizard.

For this change, the Open-Xchange Wizard has been split into two files. The former register.js file was replaced with a code.js file, which contains all the old common code. The new register.js only contains a check for the status of the Wizard. If you have a customized Wizard, you need to merge these changes to your custom code.

5.2. For Administrators

This section covers changes for administrators, including
- Database changes and necessary update tasks
- Changes in configuration files
- Changed defaults
- Changes in packages and bundles shipped.

5.2.1. DB Schema Changes and Update Tasks

This section documents the most important changes in the database schema and the respective update tasks.

Change #550 - New Table for generic ID Generator Bundle

A new ID generator bundle has been introduced which is distributed as an OSGi service. Using this service, arbitrary modules can generate unique identifiers to persistently store their data.

Change #553 - New Table to store OAuth Accounts

A new table is needed to store OAuth accounts of users. The table is called "oauthAccounts".

Change #583 - Corrected ENGINE of ConfigDB table configdb_sequence to InnoDB.

The table configdb_sequence of ConfigDB schema still has no defined ENGINE in its create-statement. So for that table the configured default ENGINE of MySQL will be used. Typically this is MyISAM which is not good of a table generating unique identifier.

Now the create-statement comes with a definition for the ENGINE of that table.

Note: This cannot be changed automatically for existing installations because update tasks for the ConfigDB have not yet been implemented.

The administrator explicitly needs to apply the following change:

1. Connect to your MySQL database with the following command:

```
mysql -h <master-db-host> -u <db-login> -p<db-password> configdb
```

The values to replace are configured e.g. in /opt/open-xchange/etc/groupware/configdb.properties if you do not remember them.

2. When connected to the MySQL ConfigDB Scheme, execute the following SQL statement to correct the definition of table configdb_sequence:

   When connected to the MySQL ConfigDB Scheme, execute the following SQL statement to correct the definition of table configdb_sequence:

   ```
   ALTER TABLE configdb_sequence ENGINE=InnoDB DEFAULT CHARSET=utf8
       COLLATE=utf8_unicode_ci;
   ```

Change #591 - Changing DB-type for the Field "info" of the Contact Module

To our knowledge, the contact field "info" has not been used.
The type of the info field has been changed from VARCHAR(5192) to TEXT, which is stored separately and does not count to the table limit.
Besides lower search performance on this specific field there are no additional side effects.

Change #592 - Additional Contact Fields for Kana based Search

Due to special search behavior in Japanese environments, additional fields are required. The fields 'yomiFirstName', 'yomiLastName' and 'yomiCompany' have been added to the database.

5.2.2. Changed Configuration Files

Change #548 - com.openexchange.easylogin.OX_PATH_RELATIVE removed

The parameter com.openexchange.easylogin.OX_PATH_RELATIVE has been removed from easylogin.properties as it was unused.

Change #557 - Default UPLOAD_DIRECTORY Moved to /var/spool/openxchange/uploads

Depending on the distribution and the system settings, the /tmp directory will be cleaned on a regular base. This had not been working for UPLOAD_DIRECTORY in Open-Xchange and thus, the default will now be changed to /var/spool/openxchange/uploads.

Existing installations will not be affected by this change, which means, it will not be changed with an update.

Change #561 - "com.openexchange.mail.maxNumOfConnections" removed

The parameter "com.openexchange.mail.maxNumOfConnections" has been removed from mail.properties as it has become obsolete.

Change #565 - HTML white list allows now italic HTML tag

Currently the HTML italic tag is filtered. This tag does not harm, so it should be allowed.

```
html.tag.i=""
```

has been added to the whitelist.properties configuration file.

Change #568 - FileStorageImpl removed

The property FileStorageImpl in the configuration file server.properties is not used at all anymore. The implementations are OSGi services now that do not require a definition by class names. Therefore the property has been removed.

Change #569 - New property c.o.cookie.hash.fields

That property allows defining additional HTTP headers that are added to the calculation of hash for the cookies. It is defined but commented in the configuration file server.properties. The calculation always includes client parameter of login request and HTTP header User-Agent. This is sufficient for most cases. So the property does not define any additional HTTP headers to include by default and it is commented.

Change #570 - New property com.openexchange.cookie.hash

The property com.openexchange.cookie.hash has been added to the configuration file server.properties. It configures if the hash for the cookie validation is calculated on every request or simply remembered in the session object. Calculating the hash value is more secure because changes in the User-Agent HTTP header lead to session invalidation. Those changes are ignored if the hash is used from the session.

Possible side effects of the hash calculation on every request may be more frequent session invalidation. If that takes place switch the property to remember the hash in the session.

Change #581 - Allowing HTML <base> tag to properly load linked images

Allowing HTML <base> tag to properly load linked images if it provides a valid URL in its "href" attribute,

```
e.g. <base href="http://my.url.com/" />.
```

Otherwise the <base> tag is removed.

Change #587 - Italian Standard Mail Folder Names

Italian has been added to the standard translations for Open-Xchange. The configuration file /opt/open-xchange/etc/admindaemon/User.properties has been extended with the Italian translations for the standard mail folder names as follows:

```
# Italiano

SENT_MAILFOLDER_IT_IT=Posta inviata
TRASH_MAILFOLDER_IT_IT=Cestino
DRAFTS_MAILFOLDER_IT_IT=Bozze
SPAM_MAILFOLDER_IT_IT=Posta Indesiderata
CONFIRMED_SPAM_MAILFOLDER_IT_IT=Posta indesiderata accertata
CONFIRMED_HAM_MAILFOLDER_IT_IT=Posta attendibile accertata
```

Change #602 - Login servlet mapping removed from servletmapping.properties

For new potential login methods, the login servlet may require additional configuration parameters. Those configuration parameters can be passed more easily if the login servlet is added through a BundleActivator and not by static initialization through a class loader. The line

```
/ajax/login:com.openexchange.ajax.Login
```

has been removed from the servletmappings.properties configuration file. The URL is now a Java string constant and the Servlet has been added to the servlet container using a BundleActivator and the HttpService.

Change #613 - Support for authentication proxying in LDAP authentication and IMAP bundle

This patch allows to login as a proxy user on behalf of every other user when authentication-LDAP and the MAL IMAP plug-in is in use.
This allows e.g. an administrator to use the MS Outlook Uploader on behalf of another user, without knowing the user's password.

New parameters:

```
/opt/open-xchange/etc/groupware/ldapauth.properties:

# Comma separated list of login names allowed to login as a proxy for every
```

```
# other user.
#proxyUser=

# Define a delimiter to be used to seperate Proxy from Userlogin
# If defined, a proxy user can login on behalf of a user using the form
# <PROXYACCOUNT><DELIMITER><USERACCOUNT>
# NOTE: the underlying mail server must support SASL AUTHPROXYING
# The open-xchange mailfilterbundle does not support it, so it will
# raise errors
#proxyDelimiter=


/opt/open-xchange/etc/groupware/mail.properties:
# Define a delimiter to be used to seperate Proxy from Userlogin
# If defined, a proxy user can login on behalf of a user using the form
# <PROXYACCOUNT><DELIMITER><USERACCOUNT>
# NOTE: the underlying Mailserver must support SASL AUTHPROXYING
# The open-xchange mailfilterbundle does not support it, so it will
# raise errors
#com.openexchange.mail.authProxyDelimiter=
```

Change #614 - Introduced new mail configuration parameter to hide POP3 storage folders

To hide POP3 storage folders a new mail configuration parameter has been in-troduced. The property is called
"com.openexchange.mail.hidePOP3StorageFolders"
and its default value is "false".

Change #615 - Properties for Subscription Sources

For every subscription source (say
"com.openexchange.subscribe.crawlers.someService") a corresponding property
will have to be set, indicating whether a certain subscription source is to be
available or not. These properties are already in effect for all subscription ser-
vices, but a property for the OXMF based subscription sources needs to be add-
ed.

microformatSubscription.properties:
```
com.openexchange.subscribe.microformats.contacts.http=true
com.openexchange.subscribe.microformats.infostore.http=true
```

Change #617 - New Configuration File ui.properties

In this new property file an admin will be able to set UI defaults for some of the
new features. The file is part of the bundle
com.openexchange.groupware.settings.extensions

```
/opt/open-xchange/etc/groupware/settings/ui.properties:

# UI: Window Manager setting
```

```
# Possible values: embedded OR popups
ui/global/windows/mode/value=embedded

# Allow user to configure the window manager
# Possible values: true OR false
ui/global/windows/mode/configurable=true

# UI: Toolbar type
# Possible values: tabbased OR simple
ui/global/toolbar/mode/value=tabbased

# Allow user to configure the toolbar type
# Possible values: true OR false
ui/global/toolbar/mode/configurable=true
```

Change #618 - Host Names to receive Client's IP Address by a NOOP Command

A new parameter "com.openexchange.imap.propagateHostNames" has been introduced to IMAP properties to configure a list of host names which should also receive client's IP address by a NOOP command.

By default this property is empty.

Change #637 - New Configuration for Integration of Facebook and LinkedIn

The two different API-keys
  • for facebook-messaging (previously located in bundle
     c.o.messaging.facebook at /conf/facebookmessaging.properties) and
  • for facebook-contacts (previously located in bundle c.o.subscribe.crawler
     /conf/crawlers/facebook.yml)
have been consolidated into one: This API-key is found / needs to be set in bundle com.openexchange.oauth.facebook at /conf/facebook.properties.

The two parameters are
"com.openexchange.facebook.apiKey" and
"com.openexchange.facebook.secretKey".

These are set to the key for the domain "open-xchange.com" per default and need to be set individually for each server's domain. The creation of the necessary Facebook-application is documented at
http://www.facebook.com/developers/ (Facebook account required).

Please make sure that the applications settings include the server's domain as "Site Domain" under "Web Site".

The properties for server-wide enabling/disabling of the two Social OX subscription sources Facebook and LinkedIn have moved as well:
Their previous location was in bundle c.o.subscribe.crawler and file

/conf/crawler.properties. They are now located in bundles c.o.subscribe.facebook and c.o.subscribe.linkedin and files /conf/facebooksubscribe.properties and /conf/linkedinsubscribe.properties respectively.

Also these two properties have been renamed to
"com.openexchange.subscribe.socialplugin.facebook" and
"com.openexchange.subscribe.socialplugin.linkedin"
with the default-value of "true", enabling them server-wide per default.

Please note that these properties can be configured for context- and user-scope via the new config-cascade framework.

Change #635 - Metadata for Config Cascade System

The file conf/meta/ui.yml that is installed at
        /opt/openexchange/etc/groupware/meta/ui.yml
contains the necessary metadata to declare the two new ui properties
        ui/global/toolbar/mode/value
        ui/global/windows/mode/value
as writable. This has to be done to make them user changeable.

Change #642 - Documentation Links for Mobile Sync Configuration on Android Devices.

The online help pages for configuring an Android device for mobile sync already exist but the links have been missing in the web front-end.

These links have been added to the configuration file
/opt/open-xchange/etc/groupware/settings/open-xchange-mobile-configuration-gui.properties.

```
This looks like this:

#
# Android configuration description:
#
modules/com.openexchange.mobile.configuration.gui/other/2/de_DE/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/de_DE/url=plugins/
com.openexchange.usm.eas/html/ox6-android2-German.html
modules/com.openexchange.mobile.configuration.gui/other/2/fr_FR/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/fr_FR/url=plugins/
com.openexchange.usm.eas/html/ox6-android2-French.html
modules/com.openexchange.mobile.configuration.gui/other/2/en_US/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/en_US/url=plugins/
com.openexchange.usm.eas/html/ox6-android2-English.html
modules/com.openexchange.mobile.configuration.gui/other/2/en_GB/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/en_GB/url=plugins/
com.openexchange.usm.eas/html/ox6-android2-English.html
modules/com.openexchange.mobile.configuration.gui/other/2/nl_NL/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/nl_NL/url=plugins/
```

```
com.openexchange.usm.eas/html/ox6-android2-Dutch.html
modules/com.openexchange.mobile.configuration.gui/other/2/es_ES/name=Android
modules/com.openexchange.mobile.configuration.gui/other/2/es_ES/url=plugins/
com.openexchange.usm.eas/html/ox6-android2-Spanish.html
```

Change #645 - OLOX2 should not be enabled for PIM Mobility Users

Erroneously the olox2 flag had been included in the PIM mobility access combination. This has been corrected (olox2 removed).

In the configuration file
`/opt/open-xchange/etc/admindaemon/ModuleAccessDefinitions.properties`

the following line has changed:

```
pim_mobility=webmail, calendar, contacts, tasks, syncml, usm, activesync,
globaladdressbookdisabled,    collectemailaddresses,    multiplemailaccounts,
subscription, publication, editpassword
```

Users created with this error can be repaired using the folloing command:

```
changeaccessglobal -A <masteradmin> -P <password> --access-olox20 off
-f 267403279
```

Change #647 - Parameter to Force secure Flag for Cookies

If Open-Xchange detects an encrypted connection through HTTPS, every cookie is automatically flagged as secure. When HTTPS is terminated in front of Open-Xchange by some load balancer, the code is not able to detect that the connection is encrypted.
Then the following parameter can be used to force the secure flag for cookies:

```
com.openexchange.cookie.forceHTTPS=false
```

This parameter has been added to configuration file server.properties.

Change #652 - Control available Mail Setups in Wizard

open-xchange-gui-wizard-plugin.properties now includes a new property ui/wizard/mailaccounts which contains a comma separated list of enabled mail services that shall be displayed in the wizard. By default all available services are listed there.
This together with the new config cascade allows configuring it for the whole system, for a context, or for a specific user.

Change #657 – Handling Mail Filter Rules for older Cyrus Sieve Imple-

mentations.

Older versions of the Cyrus IMAP server use MODIFIED UTF-7 encoding for folder names.
The new configuration property
'com.openexchange.mail.filter.useUTF7FolderEncoding' needs to be set to 'true' if a Cyrus IMAP server of version lower than 2.3.11 is used. Otherwise moving mails using the 'fileinto' command will not work for mail folders with special characters in their names.

The default value for this parameter will be 'false'.

Please note:
Changing this configuration parameter will not repair mail filter rules that are broken due to special characters in mail folders.
Such filter rules need to be updated manually by their respective user to start working correctly.

Change #659 - Updated Apache Configuration

The example configuration to configure Apache for Open-Xchange has been up-dated with the newest optimizations achieving the best performance in combina-tion with Open-Xchange.
The directory /usr/share/doc/open-xchange/examples/ contains new versions for proxy_ajp.conf and deflate.conf.
These look like this:

```
# AJP configuration for OX hosts

<Location /axis2>
# restrict access to the soap provisioning API
Order Deny, Allow
Deny from all
Allow from 127.0.0.1
# you might add more ip addresses / networks here
# Allow from 192.168 10 172.16
</Location>

<IfModule mod_proxy_ajp.c>
ProxyRequests Off
ProxyStatus On
<Proxy balancer://oxcluster>
Order deny, allow
Allow from all
BalancerMember ajp://oxhost1:8009 timeout=100 smax=0 ttl=60 retry=60 loadfactor=50 route=OX1
# Enable and maybe add additional hosts running OX here
# BalancerMember ajp://oxhost2:8009 timeout=100 smax=0 ttl=60 retry=60 loadfactor=50 route=OX2
ProxySet stickysession=JSESSIONID
</Proxy>
<Proxy /ajax>
ProxyPass balancer://oxcluster/ajax
</Proxy>
<Proxy /axis2>
ProxyPass balancer://oxcluster/axis2
</Proxy>
<Proxy /servlet>
ProxyPass balancer://oxcluster/servlet
</Proxy>
```

```
<Proxy /infostore>
ProxyPass balancer://oxcluster/infostore
</Proxy>
<Proxy /publications>
ProxyPass balancer://oxcluster/publications
</Proxy>
<Proxy /Microsoft-Server-ActiveSync>
ProxyPass balancer://oxcluster/Microsoft-Server-ActiveSync
</Proxy>
<Proxy /usm-json>
ProxyPass balancer://oxcluster/usm-json
</Proxy>
</IfModule>


# deflate configuration

<IfModule mod_deflate.c>

DeflateFilterNote ratio
LogFormat '"%r" %b (%{ratio}n) "%{User-agent}i"' deflate
CustomLog /var/log/apache2/deflate.log deflate

SetOutputFilter DEFLATE

# Netscape 4.x has some problems...
BrowserMatch ^Mozilla/4 gzip-only-text/html

# Netscape 4.06-4.08 have some more problems
BrowserMatch ^Mozilla/4\.0[678] no-gzip

# MSIE masquerades as Netscape, but it is fine
BrowserMatch \bMSI[E] !no-gzip !gzip-only-text/html

# Don't compress images
SetEnvIfNoCase Request_URI \.(?:gif|jpe?g|png)$ no-gzip dont-vary

# Make sure proxies don't deliver the wrong content
Header append Vary User-Agent env=!dont-vary

</IfModule>
```

Change #664 -   Wizard's config.js now marked as a real Config File in Package

The file config.js within the open-xchange-gui-wizard-plugin-gui package is not overwritten anymore on update and therefore can be modified by the adminis-trator.

Change #675 - Optional firstrun-Mode for the Wizard

There is a new property in open-xchange-gui-wizard-plugin.properties:
ui/wizard/firstrunmode
which defaults to "false".

If enabled, it will present the personal data on first run of the wizard as an emp-ty form which must be filled with mandatory fields before the user can quit the wizard.

Change #683 - New Configuration Options for the Mail Notify Package

Two new configuration options have been added to the configuration file
/opt/open-xchange/etc/groupware/push_mailnotify.properties:

```
# Whether to use the ox login name to check for a valid push event.
# The default is to only check the users aliases.
# If mailboxname@example.com is not contained in the list of aliases,
# set this to true.
# Warning: This won't work in multidomain setups where the same login
# might exist in different contexts!
com.openexchange.push.mail.notify.use_ox_login=false

# Whether to use the full email address from aliases or just use the
# localpart.
# When using a multidomain setup where the imap login is an email address,
# this should be set to true.
#  If  not,  login  might  not  be  unique  because  foo@example.com  and
foo@example.net
# might be different users.
# Note: Do NOT set com.openexchange.push.mail.notify.imap_login_delimiter
# in this case!
com.openexchange.push.mail.notify.use_full_email_address=false
```

Change #687 - Publishing tab is disabled in wizard by default

The publishing page in the wizard has been disabled by default since from a usability point of view it is not very useful for new users. It can be switched in the GUI config file plugins/com.openexchange.wizard/config.js for the system.

Change #693 - Templates can be filtered by type

In order to filter the list of available templates, it must be known for which module a template can be used. This is done by adding tags to describe a template file. Templates currently reisde either in the servers file system (in /opt/openexchange/templates) or in the OXMF Templates infostore folder. For templates residing on disk, new .properties files have been introduced. Consider you want to describe a template "contacts.tmpl", which resides in /opt/openexchange/templates/contacts.tmpl. You would then create a property file /opt/openexchange/templates/myNiceTemplates.properties with an entry for the template:

contacts.tmpl = publish, contacts

denoting that this template is useful for publishing contact data. Currently the known tags are:

publish - Used for all publication templates

---

printing - Used for all templates that are used to render print views
contacts - Used for all templates that can process contacts
infostore - Used for all templates that can process files
calendar - Used for all templates that can process appointments
oxupdater - Used for all templates used to drive the OX Updater Windows Installer

If you want to describe a template in the OXMF infostore folder add the above tags as categories.

== As an administrator of OX, what do I have to do? ==
If you introduced custom templates for your users, you have to create a .properties file in the templating directory and mark up the templates with one or more of the above tags.

New .properties files have been added to the packages open-xchange-publish-microformats, open-xchange-calendar-printing, open-xchange-mobile- configuration-generator and the updater packages.

Change #696 - New package open-xchange-push-imapidle

This package provides mail push functionality using the IMAP IDLE command to generate push events when new mail arrives. Please check /opt/open-xchange/etc/groupware/push_imapidle.properties for settings, although there's currently no need to change anything except debugging.

Note: This is a new feature and is currently in an experimental state. It has been tested with courier-imap, dovecot and cyrus imapd.

See http://oxpedia.org/wiki/index.php?title=MailPushIMAPIDLE_Bundle for further details.

Change #701 - New Way of integrating WindowsLive / MSN

2 new bundles:
- open-xchange-oauth-msn
- open-xchange-subscribe-msn

bundle oauth-msn contains new config-file "msnoauth.properties" which contains 2 parameters, apikey and apisecret. These need to be obtained from https://manage.dev.live.com. To log in one needs a WindowsLive- or Hotmail- account (hotmail is free).

Once logged in these steps need to be taken:
- click "Add an application"
- enter a name in "Application Name"
- select "Web application" in "Application type"

- enter domain of your open-xchange server in "Domain". This needs to be the EXACT domain your server is running on, including subdomains (e.g. "test.open-xchange.com"). This domain WILL BE CHECKED later on.
- click "I accept"
- Two values will be displayed: "Client ID" is your apikey and "Secret key" is your apisecret. Enter them into configfile msnoauth.properties
- click "Essentials"
- enter any valid domains in all required fields ("*"). These will NOT be checked.
- click "Save"
- click "verify now" in "Domain verification" in the middle of the form
- download the verification-file by clicking "Download"
- place it so that it is reachable on the server by the link next to "URL" (verifiable in your browser). It needs to be available VIA HTTP from the outside (e.g. Microsofts servers) for this process! - click "Verify domain" - if the application is listed as "verified" you are done

For testing purposes /etc/hosts can be modified on localhost to include the domain of a verified Application

The old MSN-crawler needs to be disabled. This is done by setting the property "com.openexchange.subscribe.crawler.msn.de" in file crawler.properties to "false"

Change #705 - com.openexchange.cookie.forceHTTPS expanded in influence and renamed to com.openexchange.forceHTTPS

At more and more installations the HTTPS termination is done at the load balancer level, only forwarding HTTP requests to the backend. While the backend would usually use HttpServletRequest#isSecure to determine how it was accessed, this will now faultily return http instead of https. The backend uses this information mainly to construct links that point back at itself, and would then suggest http as a protocol, while https would in fact be the correct choice. We solved this problem for the secure flag in cookies by introducing a configuration switch (com.openexchange.cookie.forceHTTPS) to allow administrators to specify if a cookie should default to the secure option or not, essentially telling the backend, that while it is accessed via http, the client really uses https. This change will broaden the scope of the configuration parameters effect, also effecting the links the backend generates for pointing at itself. Therefore it's appropriate to drop the 'cookie' namespace that was part of the original name.

If your're terminating SSL traffic at load balancer level, open the server.properties (/opt/openexchange/etc/groupware/server.properties) and set com.openexchange.forceHTTPS=true you may find the old option

```
com.openexchange.cookie.forceHTTPS already configured, in that case just
rename it to com.openexchange.forceHTTPS, thereby all links generated by the
backend will suggest https is used.
```

5.2.3. Changed Defaults

Change #579 – Japanese Spam Folder Name

```
The property defining the Japanese name of the standard spam folder has been
changed from:

SPAM_MAILFOLDER_JA_JP=Spam=\u8FF7\u60D1\u30E1\u30FC\u30EB    into
SPAM_MAILFOLDER_JA_JP=\u8FF7\u60D1\u30E1\u30FC\u30EB
```

i.e. the leading substring 'Spam=' has been removed.

Change #649 - Default Settings for Publications Changed

publications.properties has been changed: using subdomains for publications is
disabled, whitelisting is enabled. Previously subdomains where enabled, which
does not work unless the admin configures the server to support this.

5.2.4. Changes in Packaging/Bundles

Change #552 - New Bundles for OAuth 2.0 Support

To support the OAuth 2.0 standard for authorization, the following bundles have
been introduced:

com.openexchange.oauth - The basic OAuth bundle
com.openexchange.oauth.json - The JSON interface bundle
com.openexchange.oauth.linkedin - The OAuth service meta-data implementa-
tion for LinkedIn

Change #597 - EasyLogin Servlet deprecated.

The former EasyLogin servlet used an additional redirect request and response
cycle between the browser and the web front-end which could be optimized.

Instead of the separate servlet, a similar request has been added to the stand-
ard login servlet. That similar request is more restrictive - it requires a lot more
parameters that are mandatory for the new more secure session handling.

Details about the new login request are documented on OXpedia:
`http://oxpedia.org/wiki/index.php?title=HTTP_API#Form_Login_.28since_6.20.29`

See also Change #596 in these release notes.

Change #589 – New Bundles for Configuration Management

The following new packages have been introduced:

com.openexchange.config.cascade - The basic framework

com.openexchange.config.cascade.context -The context level configuration provider

com.openexchange.config.cascade.user - The user level configuration provider

These bundles should be installed in every installation. The first bundle is necessary for both, admin and server installations, the other two bundles only need to be installed in the groupware OSGI system.

Change #612 - New Bundle "com.openexchange.subscribe.linkedin"

This new bundle adds a subscription source for contacts from the LinkedIn-service to be used with the Social OX features.

Change #616 - Online Help Links, Packages renamed

In order to support more than one variant of a language, the links and package names of the online help have been changed to pattern language_country/variant (rather than just country).

The package renaming will happen automatically during an update.

Change #617 - New configuration file ui.properties in Bundle

com.openexchange.groupware.settings.extensions

For details please refer to change #617 under Configuration Changes

Change #631 - LinkedIn and Facebook Social OX Plug-Ins

The authentication to subscribe to the social services LinkedIn and Facebook Social has been switched from (encrypted) credential-storing to OAuth (valet-parking-like storing of access-tokens).

The .yml-configuration-files ("facebook.yml" and "linkedin.yml") and unit-tests for the old method have been removed.
In the configuration-file "crawler.properties", the respective lines for the two services have been removed.

In case of an update all of the above will happen automatically.

Change #632 - Infrastructure Bundles for key-value-based Program-

ming

The following new packages have been added:

open-xchange-modules-model (Base classes for using that facillitate use of the other classes)

---

open-xchange-modules-storage (In Memory Storage and SQL Storage for records)
open-xchange-modules-json (emitting or parsing records)

These bundles will be pulled into an installation, once other bundles depend on them. Customers don't have to do anything about these bundles.

Change #633 - UWA modules Graduate to a Back-end Module

New packages containing this functionality are

```
open-xchange-frontend-uwa
open-xchange-frontend-uwa-json
```

For details about the new support of UWA widgets please refer to Change #633 under "API changes".

5.3. For End Users

The user related changes have been documented in a separate file shipped with this release: OX6-v6.20-WhatsNew-English.pdf.

Here is a summary of the headlines:
- Start page with new design.
- Start page and title bar have a new, clear design.
- The layout for the start page can be customized
- Alternative panel (tool bar).
- New and Edit Windows can either be pop-ups or embedded windows.
- Calendar team view improvements.
- Hide times outside office hours,
- define the appointment view in relation to appointment types and
- confirmation
- keep the overview for overlapping appointments.
- Marking all E-Mails in a folder as read.
- Mark all E-Mails in a folder as read
- Create new E-Mail filter based on an E-Mail.
- Icon for opening a folder's context menu.
- Visible folder button as an alternative to the right mouse button.

For details please refer to the "What's New" document or the OX6 User Manual.

Change #628 - New OAuth Authentication for External Services

For authentication against external services, Open-Xchange has now implemented OAuth, and OAuth will be used whenever a service supports it. Most likely OAuth will become the industry standard for authentication of social services and several services already support it: e.g. LinkedIn, Twitter, and Facebook.

Using OAuth has several advantages compared to existing implementations used in the Open-Xchange user interface: With the new authentication method, users only need to authorize once to an external social service. After the initial authentication has been done, all additional updates can then be performed without having to login again (well, at least as long as the credentials at the external service remain unchanged).

Please note:
Due to the new authentication mechanism required by Facebook® and LinkedIn®, existing subscriptions will be removed with the update to the new Open-Xchange major version. Users need to setup their Facebook and LinkedIn subscriptions once more.

Please note:
If you had tested an unstable Preview of this release (OX6 v6.19.0-...) you explicitly need to delete eventual test subscriptions that used OAuth.

Change #660 - Wizard supports the OAuth for Facebook, LinkedIn and Twitter

The new OAuth mechanism allows an easy and safe way to connect your Open-Xchange account with Facebook, LinkedIn, or Twitter. No user name or password is required anymore. One click and the user is able authorize the Open-Xchange system to use his social network account in the groupware.

This handling has been implemented into the Wizard for these three services: Facebook, LinkedIn, and the new Twitter service.

5.4. 3rd Party Libraries and Licenses

- None -

6.   Bug Fixes

The following list shows the resolved bugs, reported by customers and partners since the last major release:

Bug No	Severity	Description
17845	blocker	Server sends wrong HTTP headers
18755	blocker	imapauth user login via imaps not possible any more
18788	blocker	user db schema got dropped when MySQL returns old identifier for new schema
18804	blocker	Accept/Decline status fuzzy for appointment participants
18911	blocker	Cross-Site Scripting in Mail Body via href
18912	blocker	Blind SQL injection in calendar http api call
16336	critical	Sync stops on Win Mobile devices with error code 0x80820001
17355	critical	USM Update Tasks haven't been executed during the 6.18.1 update
17638	critical	Deadlock during SOAP provisioning call
17882	critical	When connecting to pop3-account error message shows pop3-data from other user
17924	critical	com.mysql.jdbc.exceptions while deleting a user
18211	critical	Missing client IP in NOOP command in IMAP connection
18474	critical	Only first attachment of e-mail is opened
18539	critical	Mail push does not work because mailnotifier is not active in imapd.conf
18549	critical	single mail stops eas from working
18565	critical	Apache configuration changes necessary for using OLOX2 on OXASE servers
18612	critical	Generation of InfoStore file IDs must be unique and incremental
18613	critical	"USM error: unparseable reply or missing field"
18681	critical	Multiple Invalid SQL Query in logs of EAS host
18761	critical	SOAP interface broken (most User and Context operations)
18824	critical	Cannot find provider smtpss://... when using SMTPS
18852	critical	Forwarding an E-Mail within integrated web.de inbox results in forwarding an internal E-Mail
18856	critical	Plain text mail text gets lost on forward mail and add an attachment
18870	critical	WebGUI only shows INBOX without any other IMAP folders
18881	critical	listcontext for masteradmin does not work when reseller plugin installed
18883	critical	changecontext does not work when reseller package is installed
14653	major	Accepting/Declining an appointment in OL2007 generates "changed appointment" mails
17437	major	Folder "default0" could not be found in tree "1" when selecting E-Mail
17813	major	Mail headers are missing in live grid
17881	major	Accepted appointment not synced to iPhone
17968	major	Default Tree View - Enhanced vs. Flat plugin does not work
18027	major	Appointment not synced to iPhone
18036	major	IMAP shared folders can only be renamed with administrator permissions
18172	major	Not possible to add attachment using IE8 and (new) toolbar
18178	major	"Ordner default0..." isn't accessable sometimes
18229	major	"Error message: A9 BAD Error in IMAP command SORT: Too long argument."
18272	major	Mail module: Folder tree is empty
18283	major	Window for moving mails to other folder closing before new folder can be selected
18284	major	Subscribing email folders in IE 7/8 not possible
18299	major	Duplicated English Mail default folders after renaming external POP3 Account
18329	major	Multipart mail could not be parsed - "Array index out of range"
18402	major	Double click on contact opens two windows: "Edit" and "New contact" window
18423	major	"Content-Type: multipart/form-data" within mail created by OX cannot be parsed
18546	major	MSN Crawler fails
18633	major	Move operation may be inconsistent
18639	major	rename of primary mail address results in unusable system

18642	major	Accept an already on iPhone declined appointment in Web GUI doesn't push the appointment to iPhone
18709	major	Sent mails have a leading whitespace on newlines
18711	major	EAS all-folder-sync also synchronized reminder for foreign appointments
18723	major	Content of contacts fields not shown in IE8
18771	major	Some new RMI methods do not work in SOAP API
18775	major	Users not shown to whom folder permissions were granted
18792	major	Cannot configure UWA Widgets
18795	major	No automatic line breaks when using default signature and plain-text mail
18818	major	spellchecker as described in our wiki is not working any more
18820	major	Appointments moved to wrong month when moving in month view
18835	major	ConfigCascade can only store short values
18837	major	No conflict for Resources
18863	major	IE7: Mobile online help not shown at the wizard
18868	major	"Timeout" default setting in RHEL's apache configuration doesn't fit our mod_proxy config
18901	major	Creating subfolders in shared folders throws error messages
18909	major	GMX.com crawler broken
18997	major	oAuthAccount accessToken field to small for MSN oAuth token
19010	major	NullPointerException in IMAP Idle bundle
19018	major	Facebook messaging throws NCDFE
7563	normal	TZ: Change of time zone messes up calendar
14435	normal	Moving whole-day appointments before 1970 moves them one day too far in the future
15227	normal	errormessage for "drag n drop a mail from default INBOX into unified inbox" is not translated
15593	normal	Declined appointments are only shown crossed out within month view
15597	normal	Additional info "tentatively" for apps. only shown in the week/month view
15733	normal	Upscaled Twitter images look ugly
15738	normal	Possible to select folders from external IMAP accounts within SIEVE filter rules
15755	normal	Vacation does not use original subject in reply when using empty subject
15785	normal	Displayname cannot be set through the wizard
15866	normal	Mail-Drafts are corrupted
16011	normal	Useless Error Messages when Closing a second OX Window
16081	normal	both, mod_jk and mod_proxy are enabled at the same time on OXAE
16645	normal	IE8: select multiple participants with SHIFT selects text
16068	normal	No case-insensitivity check on adding external participants
16633	normal	text selection is remembered in IE8
16684	normal	Group information are not refreshed properly on task h-split
16685	normal	Group information are not refreshed properly at appointment detail view
17113	normal	SSL does not work with T-Online POP3 server
17217	normal	various 404 errors on login for not available gui plugins
17397	normal	Today' button in calendar only works for GMT
17534	normal	Cannot login (6.18.2 Rev4)
17620	normal	Flash UWA Widget overlays Wizard page
17687	normal	OX frontend, does not delete created folders in trash folder
17693	normal	"Missing parameter json_0" error message when sending email
17707	normal	Facebook subscription not working
17709	normal	Several strings not translated to Japanese
17769	normal	/tmp/.OX must be automatically re-created when tmpwatch deletes it
17792	normal	problem with appointment confirmation dialog (show in calendar)
17821	normal	Facebook Contacts crawler: SUB-0007 Category=1 Message=The login or password you entered are wrong
17834	normal	Group Administration in GUI - Error: Exception while writing JSON. (SVL-0001, 1781145476-4557)
17837	normal	Option "Account" is shown even though permission is denied
17841	normal	Context menus aren't closed while changing module from outside
17850	normal	I can´t delete more than one Email in Horizontal view Unified Inbox (Button disabled)
17852	normal	"Save as" option must be renamed to "Download" as defined in the Integration_User_Concept
17866	normal	IE7: Team view auto width broken

17890	normal	Later added external participiants receive emails without accept/decline buttons
17891	normal	Searching in the trash folder results in "String index out of range: 0"
17892	normal	Email didn't send out when decline a task
17963	normal	"Unparseable date" at EXDATE attribute of google ical
17982	normal	For changing a folder name <enter> must be pressed
17983	normal	Contact(s) sent as vcard is (are) not displayed in the mail window
17984	normal	after flagging and unflagging an infostore object send as attachment is fully deactivated within the panelbar
17985	normal	Moving an infostore object to a folder without enough privileges, it looks like object is lost
17998	normal	Sometimes GUI shows shared folders without display name which cannot be entered
18004	normal	"Italic" formatted mail text using <i> tag isn't displayed italic
18020	normal	Overlapping characters when selecting font size for HTML mail
18040	normal	Only parts of the pop-up reminder shown in Webdesktop
18046	normal	When creating appointment all characters can entered in the time frame field
18051	normal	Attachment from forwarded mail isn't shown in "new mail" window
18062	normal	Disabling folder cache breaks Infostore functionallity
18063	normal	Updater in customized packages shown in English instead of Polish
18073	normal	If you copy an object the object appears twice in the destination folder
18086	normal	Can not set background image for the table when insert a table into the email context area
18088	normal	new mailaccount button active instead of upsell in case of no permissions
18089	normal	User moves file to the shared infoStore folder with read only permission, the operation of movement failed and the file disappeared
18090	normal	[IE7] The page of "select confirmation" disordered displayed
18094	normal	Some fields of business card in the folder of contact are missed when exporting contact in vCard format
18095	normal	The status icon can not be updated after unlocking the locked file in the Infostore
18101	normal	The title is not updated accordingly after the view was changed to display vertically
18102	normal	Can not order the mail list by the key of flag.
18104	normal	OX can not update the amount of "Sent" box timely.
18107	normal	[IE7] Wrong result when search contacts by "business email"
18108	normal	When create new contact, can not upload the image if the date format of "Birthday" and "Anniversary" is incorrectly input
18112	normal	Click twice an email with attachment, the attachment-related options are set to disabled.
18113	normal	[IE7] The browser crashed when creating new folder.
18115	normal	Can click "delete" button after check on the "Administrator" button in task permission setting interface.
18118	normal	[IE8] Right Click on "Inbox/Draft" to Subscribe the folders in Email folder, it prompts error when save the operation.
18123	normal	[IE8] Can send an email with invalid attachment
18124	normal	Can not search and locate the file when the special character backward slash("\",) is included in the key word.
18125	normal	[IE8] Improperly save the page when scroll the page.
18127	normal	The setting of "Save configuration before every logout" doesn't work.
18129	normal	Exists two Categories with same name.
18130	normal	Can not list the mail items in start page according to the settings in Configuration.
18131	normal	Can not list the appointment items in start page according to the settings of appointment in Configuration. The settings doesn't take effect.
18141	normal	Send E-Mail about this publication does not work for pim users only (no mail window opens)
18145	normal	Declined appointments aren't shown crossed out in week view
18154	normal	OXupdater does not update itself through its automatic update mechanism
18156	normal	Subject in drag & drop indication window displayed wrong sometimes
18158	normal	No jump back from 'Settings'
18159	normal	Toolbar attachment to new email missing translation
18188	normal	Can not display the emoticons as graphics
18189	normal	Can not display the emoticons as text
18191	normal	The Time range is incorrectly applied to the Calendar view.

18192	normal	Can not save the change for the setting of "When switching to another view"
18193	normal	Can not remove the selected Item only in external addresses window , but re-move all the items
18198	normal	Failed to save the change without tips or alerts for user's contacts subscriptoin in My Social OX.
18200	normal	The birthday becomes 10-01-2066 as it was filled in with 1990-01-01.
18204	normal	The modification of task settings doesn't take effect.
18205	normal	No tips for the category with illegal name.
18207	normal	Incorrect line wrap in email display.
18215	normal	WinMobil sync fails
18217	normal	new email window: unclear behavior in highlighting entries from view drop down
18224	normal	Toolbar search field shows English text in WebDesk
18245	normal	Not possible to print detail view of an appointment
18271	normal	E-Mail-Settings: Prefix in folder settings of external accounts
18278	normal	Settings for Unified Mail checkbox inconsistent under IE7+8
18279	normal	Icon with subscribed e-mail services in Wizard not shown for a custom and the yahoo service
18280	normal	Unified Mail folder can not be opened for external email services
18281	normal	No warning that password is wrong for Yahoo accounts
18282	normal	Email accounts set up via wizard do not show up in settings afterwards
18285	normal	Formatting of the signature block not correct
18286	normal	Split Button Ticket
18293	normal	facebook subscription not working - Login form not found on page: http://www.facebook.com/login.php
18295	normal	Buttons in toolbar hidden when window too small
18296	normal	Using unified mailboxes for POP3-Accounts creates duplicate folders
18307	normal	Reply Window not working properly in Safari
18309	normal	during push "Remote Host Register", the nodes do propagate themselves as lo-calhost
18311	normal	Settings for default folders of external mail accounts get lost
18321	normal	Activation of Unified Mail not reflected in e-mail tree for the users Inbox
18348	normal	Error while moving mails
18358	normal	No word wrapping when trying to use print feature
18384	normal	Printing a mail doesn't work correctly with IE8
18385	normal	Forwarding a mail doesn't work with IE8
18390	normal	Participants receive two invitations to an appointment
18413	normal	Toolbar - Sometimes old panel in firefox
18418	normal	Title of the "add participants" dialogue is not translated
18419	normal	Title of the "Select Users" dialogue for mail folder permissions is not translated
18421	normal	HTTP403 thrown when modifying sender name of the primary mail account if mul-tiple mail is disabled
18429	normal	Default Mail folders are mixed up.
18435	normal	Multiple scrollbars in default folder selection for external mail accounts
18442	normal	UPLOAD_DIRECTORY filling up with unused files
18447	normal	Server Error (500) for servlet/webdav.contacts/foo.xml
18448	normal	selected checkbox for smtp server not saved after unsuccessful connection test
18449	normal	POP3 Keep mails on server checkbox set automatically
18451	normal	Error while trying to add a contact from an specific contact folder to a distribution list
18453	normal	mail domains of e-mail addresses with umlauts are not converted in authentica-tion
18477	normal	FF4 new participants not added to appointment
18482	normal	Address book csv import fails on file with BOM
18493	normal	Open-xchange init scripts don't display results on RHEL6 system with special package list
18514	normal	Create distribution lists taking contacts from a folder
18536	normal	Print button in contacts "Cards" view has not effect
18537	normal	new property for imap folder encoding in sieve scripts
18547	normal	Mailfilter settings not correctly shown after saving
18551	normal	breadcrumb show undefined for the read/unread counter after renaming a folder
18556	normal	Upsell Multiple doesn't hide flash UWA widgets
18557	normal	IE8 complains about unsecure content inside OX

18575	normal	Mail filter "is on" comparison in date test is not internationalized
18585	normal	Newly created folders in POP3 account are subscribed in altnamespace imap servers
18587	normal	Insert picture window of TinyMCE too small
18600	normal	Server Error (500) for servlet/webdav.contacts/foo.xml
18604	normal	"Unable to parse value "undefined" within field folder as a number"
18610	normal	Print opens an empty window in contact detail view
18615	normal	mail push does not work when login does not match mailbox name
18816	normal	cannot delete user
18618	normal	Warnings about missing translations
18629	normal	Unable to drag elements over "empty" folder areas
18631	normal	Mobility visible without function if eas is not enabled for the user and no upsell active
18655	normal	email: your name can not be changed for new users
18668	normal	"Show in calendar" does not switch to the appointment when being at the calendar
18669	normal	IE7: portal widgets misaligned and not smoothly movable
18671	normal	IE7: Header icons not correctly aligned
18704	normal	Attachment "Save in Infostore" isn't displayed when multiple windows are opened
18712	normal	EAS all-folder-sync duplicates the global address book
18713	normal	oauth-twitter is missing after updating
18719	normal	FF loads GUI files with default apache config over and over again
18720	normal	"unified mail" folder has "create new folder" in RMB menue, which gives an error on usage
18721	normal	"root" mail folders are displayed in gray in customer environment
18728	normal	Newly added RSS feeds are only visible after a re-login
18729	normal	RSS feed from "Tagesschau" only shows the first headline
18732	normal	Flat lists scroll to top when selecting a folder
18738	normal	Context menus close after opening them with IE9/FF4
18739	normal	No shadows in embedded windows
18745	normal	database consumes 100% cpu after expanding infostore folder
18749	normal	group management very slow on big contexts
18753	normal	Portal page shows different e-mail messages status than the mail module
18765	normal	Default E-Mail signatures are not added when composing a mail
18766	normal	Directly saved mail filter rule looks different before and after saving
18767	normal	conflict with russion language in open-xchange-gui
18769	normal	Monitoring of AJP does not work at all
18772	normal	UWA configuration gets inactive when closing the popup
18781	normal	Error message for not-found publications needs improvement
18786	normal	Calendar custom view shows Sunday twice (DaylightSavingTime)
18790	normal	password change in gui has no immediate effect for the next login
17787	normal	quota is reached while deleting a lot of emails using the WEB GUI too many errors are thrown
18797	normal	new folder tree in combination with Cyrus altNamespace-Feature throws "INBOX does not allow subfolders" error
18799	normal	widget within the portal cannot be closed by using "x"
18800	normal	Calendar Week View: Title not displayed in appointments with status 'waiting' or 'tentative'
18806	normal	Debug output in open-xchange-console.log
18807	normal	NullPointerException in MailServletInterfaceImpl
18811	normal	IE: Context menu opened when pressing Enter
18813	normal	Appointment state not change in calendar if changed in hover
18819	normal	save the 'friendly name' portion "your name" for a mail account not possible
18822	normal	Renaming a Mail Folder Removes the old Folder Name
18826	normal	After modifying rights of subfolders the flaghandling of emails is wrong
18828	normal	directlink for resouce management not working
18833	normal	redirect to IE6 gui does not work in every case
18834	normal	mail push should also check ox login name on external new mail trigger
18842	normal	Error Mail folder "INBOX" could not be found using external account
18851	normal	OX does not show correctly the email enconding
18859	normal	Folder edit not saved on lost focus
18860	normal	No "uncommitted changes" dialog on permission changes

18861	normal	Check boxes are hidden when changing layout in IE7
18865	normal	com.openexchange.ajax.SessionServlet,init No configuration service available, can not read whitelist
18872	normal	Mobility configuration page in Wizard needs some polishing
18875	normal	All available templates are displayed as selection for Publications
18880	normal	createadmin of reseller package does not work when no masterpw set
18887	normal	"Do you want to save..." dialog pops up even after saving configuration
18889	normal	Contact filter shows Z two times
18890	normal	Unknown IMAP server - MDaemon 9.0.9
18894	normal	Contacts-ldap sometimes sends (null=*) filters to the ldap server
18896	normal	ical is send to internal users in case a user is added afterwards
18898	normal	H-Split views don't get reset entirely when switching view
18900	normal	Online Update indicates a security update which is not available
18903	normal	Customers must be able to disable new picture loading feature for mail
18907	normal	wrong step count in wizard
18914	normal	Autostart symlinks in /etc/rc.d missing on Debian Squeeze
18920	normal	Error message shows up twice in wizard
18924	normal	three columns: all core features in colum 1 - all uwa widget in column 2 after login
18933	normal	UWA widgets cannot be moved on the start page
18934	normal	Clicking on ox links without correct permissions leads to hanging loading screen
18946	normal	Better error message if user can't be added to folder share due to missing rights
18947	normal	Trash folder not correctly translated for Unified Mail accounts
18948	normal	"Please Wait" message for Folder Subscriptions misaligned
18972	normal	Show recipient and not sender in all Unified Sent-Mail folders
18975	normal	Some string in wizards are not translated
19015	normal	Unable to enter custom LinkedIN keys
7616	minor	E-Mail: "Delete" and "Move" functions should be disabled if there's no delete permission
11787	minor	IE7: JavaScript error when switching to "Availability" tab in new appointment window
13076	minor	Reminder of full-day appointments should be shown without times
14084	minor	Minicalendar day marker does not move the the current day when clicking "Today"
14352	minor	Privacy Notices at the pubsub plugin don't change their translation immediately
15861	minor	Start page shows whole day series one day earlier
17428	minor	Inconsistency: When opening RSS comment, page is opened in same tab.
17990	minor	Status of mini calendar is not saved
18128	minor	the "Save" button is not appropriated showed in subscription service page.
18840	minor	Messaging Error when deleting loads of Mails
18925	minor	Add participants dialog has no initial focus on the search field
18940	minor	Close Button in VOIPNow Dial Dialog not translated
18438	trivial	Very small "Comments" field within contact's private tab
17969	enh	Italian Language in OX6 Front-End
18045	enh	Double-Click on Mail Attachments should open Online Office with selected File
18324	enh	Sync of Sub-folders, shared and public Folders

To learn about all fixes coming with this version, please refer to the change log files provided with the software packages.

7.   Known Issues

7.1.   Known Issues - Open-Xchange Server 6

7.1.1.   Functional Limitations

Plug-Ins

New versions of the following plug-ins will be released shortly after the release of
OX6 v6.20:
- Adaption of the VOIP-Plug-In to updated back-end interfaces
- Unification of Wizard branches
- Adaption of Wizard to updates back-end interfaces and subscription services
- Custom Plug-Ins for SMS, Fax, and Spam

Confirmation Status for recurring Appointments

For recurring appointments the confirmation status can only be set for the series
as a whole, not for its single instances.

Appointment Reminders always individual

Reminders for an appointment are always individual. Even if someone schedules
a group appointment, a potential reminder only applies for him/herself. Partici-
pants need to set their own reminder.

[Spanish, Dutch, Polish, Italian, Japanese, Chinese]
 Import of MS Outlook CSV Exports

Versions of MS Outlook other than English, German, or French export CSV files
with different field names than in other languages. Such MS Outlook CSV Exports
can currently not be imported as-is.

Missing Translations

Due to last minute changes in the user front-end, very few strings could not be
translated in time. The respective language packs will be updated available with
a Public PTF scheduled for late April 2011. Missing translations will default their
English expression.

7.1.2. Known Bugs of Severity blocker, critical, or major

Bug #17651 - "InfoStore folder already exists" error during mass user creation

Some issues have been reported when creating massive numbers of contexts or users at the same time. The effects still need to be reproduced.
Workaround: Reduce the number of users to be created at the same time to batches smaller than 500.000.
This will be addressed with a future major release of OX6.

Bug #16879 - No Connection to WebDAV in Windows 7 (32- & 64-bit)

This is a known issue with Windows 7.
Unfortunately, this bug cannot be fixed using one of the workaround suggestions: The digest authentication requires the server to be aware of the clear text password for a user. Since Open-Xchange server does not store clear text passwords for any user, the digest mechanism is impossible.
Alternative workarounds for this Windows issue will be evaluated.

Bug #18612 - Generation of InfoStore file IDs must be unique and incremental

Under very rare conditions (potentially an isolated restore of the filestore backup or virtual machine constellations), InfoItems pointed to file attachments different from the one when the InfoItem was originally created. This way users might have gained access to file attachments not originally assigned and authorized to them. A new technology, introducing a more fault tolerant indexing of file attachments has already been identified. In case of an inconsistency, access to an attachment will be denied rather that allowing access to a potentially foreign document. This requires intensive testing of unwanted side effects and could not be addressed last minute. This will be address in a Public PTF soon after the release of OX6 v6.20.

7.2. Known Issues - OXtender for Business Mobility

7.2.1. Functional Limitations

Tasks not synchronized to Windows Mobile Clients

This is a limitation of the Windows Phone 7 platform, which does not offer Task folders.

PIM Subfolder, Shared PIM Folders, and Global PIM Folders not on all Mobile Platforms

While the iPhone supports support multiple PIM folders, most other mobile clients like Windows Phone 7, Windows Mobile 6, Mail for Exchange, Android, HTC/Sense do not. Those only maintain one folder for each Contacts, Tasks, and Contacts, which are used to synchronize the respective private folder.

Differing Permissions

On the OX Server another user may grant you limited permission to his/her PIM folders (e.g. read-only). Such restrictions will not be respected when you access these objects on the mobile client. Hence you may apply change to e.g. a contact although you would not have permission to perform that change on the OX Server.
As a consequence your change will be reverted as soon as the object/folder owner applies a change to the same object.
In a future version of the OXtender, unauthorized changes will be reverted even sooner - with the next synchronization.

Accepting of appointments on Samsung Android devices

Samsung Android smartphones contain a customized e-mail application that does not seem to handle MeetingRequests.
Therefore the MeetingRequest-mechanism has been disabled for all devices that use the basic Android client implementation (e.g. Nexus 1, and Samsung TouchWiz).
For those devices the OX standard mails will not be suppressed, and the appointments will be synchronized directly to the device.

7.2.2. Known Bugs of Severity blocker, critical, or major

Bug #18642 -   Accept an already on iPhone declined appointment in Web GUI doesn't push the appointment to iPhone

This will addressed with a PTF/Bug Fix Release, currently scheduled for 4 weeks after this release.