

Open-Xchange Server 6 (OX6) v6.20.0-Rev3

Major Release v6.20

Release Notes 1.03

Release Date: 2011-03-23

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

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1. About this Release

This is the major release v6.20 of Open-Xchange Server 6 (OX6), the basis for the Open-Xchange Hosting Edition and the Open-Xchange Server Edition. This release contains significant enhancements and API extensions.

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

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

- OXTender 1 for MS Outlook
- 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.

A Public PTF for OX6 has been scheduled for late April 2011, including updated language packs for few missing translations.

2. Shipped Packages and Version

2.1. Open-Xchange Server 6

Version: v6.20.0-Rev3 (2011-03-21)

The version number is the same for the groupware server and the groupware front-end. When reporting bugs, please include the version number in your bug report.

The version/revision number can be found

- a) in the Login dialog
- b) in the "About" dialog (Question icon in the upper right -> About)

2.2. OXtender 1 for MS Outlook

Version: v6.18.12 (2011-03-23)

File name: OXtender_for_Microsoft_Outlook_<language>_<version>.msi

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

2.3. OX Client Updater

Version: v6.18.4 (2011-03-04)

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"

2.4. OXtender for Business Mobility

File names:

- open-xchange-usm
- open-xchange-eas

When reporting bugs, please select "6.20" from the version field.

3. New Features

3.1. 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

Support of additional platforms/versions

- Debian 6
- CentOS v5.5
- Red Hat Enterprise Linux Server 6 (RHEL6)
- SUSE Linux Enterprise Server 11 (SLES11)
while support of SLES10 is discontinued

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 define the time frame for vacation notices
- 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."

3.2. OXtender 1 for MS Outlook®

- Minor Bug Fixes
- Support of Italian

3.3. 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

For complementary information, there is additional documentation available:

- the v6.20 Features Document
- the "What's New" document, describing new features from a user perspective
- the OX6 v6.20 User Manual or Online Help
- the OX6 v6.20 Administration Manual

Change information relevant for product managers, developers, or administrators can be found in section 4 of these release notes.

4. 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.

4.1. 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

4.1.1. 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

UWA widgets can be defined either in backend configuration files or individually by users for their account. 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()
- getSmtptSchema()
- getSmtptPort()

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()
- getSmtptServer() should then return the value set with setSmtptServer()

4.1.2. 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:

```
createcontext -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)
```

4.1.3. 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 #598 - Added "currentdate" Test for Mail Filter/Vacation Notice

To avoid vacation notices being sent after the vacation terminates, users requested the possibility to set the time frame in which a vacation notice should be sent instead of manually having to deactivate the vacation notice.

With this addition it becomes possible. In the HTTP-API you will now find the test currentdate which enables you to compare a date with the current date in sieve scripts. A detailed structure of the JSON object for this test can be found in

http://oxpedia.org/wiki/index.php?title=HTTP_API_MailFilter#currentdate

Please note:

To make use of this feature, your Sieve server must comply with RFC 5260 and RFC 5231.

Known Side Effects:

A test for 'domain' in a vacation rule might get lost, if the following conditions apply:

The VACATION_DOMAINS parameter in /opt/open-xchange/etc/groupware/mailfilter.properties has been set
The rules have never been touched by OX before (e.g. in a migration scenario)

The old rule has the OX special vacation flag set (comment "## Flag: vacation" is preceding the rule)

An address test for ':is :domain "From"' must be set as single test or in the first place of an ALLOF test

If these four conditions are met, the address test will be overwritten with the address test for the vacation domain set.

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 graphemes (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 to 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](http://oxpedia.org/wiki/index.php?title=HTTP_API#Module_.22config.22)

4.1.4. 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 work week 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.

4.1.5. 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!

4.1.6. MAL – Mail Abstraction Layer

- no changes -

4.1.7. 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 passwordchange 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.

4.2. 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.

4.2.1. 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.

4.2.2. 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/open-xchange/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/open-xchange/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/admindamon/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 separate 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 separate 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 introduced. 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 services, but a property for the OXMF based subscription sources needs to be added.

```
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 and 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/admindemon/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 following 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 Implementations.

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 updated with the newest optimizations achieving the best performance in combination 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 administrator.

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

empty 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
```

4.2.3. 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 were enabled, which does not work unless the admin configures the server to support this.

4.2.4. 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 implementation 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 standard 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 Programming

The following new packages have been added:

open-xchange-modules-model (Base classes for using that facilitate 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".

4.3. 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.
- Time frame for vacation notices *
- 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.

*** Please note:**

"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."

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.

4.4. 3rd Party Libraries and Licenses

- None -

5. 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
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
18549	critical	single mail stops eas from working
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
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 accessible 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
15593	normal	Declined appointments are only shown crossed out within month view
15738	normal	Possible to select folders from external IMAP accounts within SIEVE filter rules
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
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
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)
17841	normal	Context menus aren't closed while changing module from outside
17852	normal	"Save as" option must be renamed to "Download" as defined in the Integration_User_Concept
17890	normal	Later added external participants 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
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 functionality
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
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 remove 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 localhost
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
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
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
18453	normal	mail domains of e-mail addresses with umlauts are not converted in authentication
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
18536	normal	Print button in contacts "Cards" view has not effect
18547	normal	Mailfilter settings not correctly shown after saving
18585	normal	Newly created folders in POP3 account are subscribed in alnamespace imap servers
18587	normal	Insert picture window of TinyMCE too small
18600	normal	Server Error (500) for servlet/webdav.contacts/foo.xml
18615	normal	mail push does not work when login does not match mailbox name
18631	normal	Mobility visible without function if eas is not enabled for the user and no upsell active
17990	minor	Status of mini calendar is not saved
18128	minor	the "Save" button is not appropriated showed in subscription service page.
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

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

6. Known Issues

6.1. Known Issues - Open-Xchange Server 6

6.1.1. 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. Participants 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.

6.1.2. 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 than 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.

In addition the following effects could not be fixed for this release because they were reported late or a fix would have the potential to de-stabilize the current development. Therefore they have been scheduled for a PTF/Bug Fix Release, currently planned 4 weeks after this release.

Bug No	Severity	Description
18212	major	Cannot find mail account with identifier 1 for user 6 in context 529125. exceptionID=-1636201372-31114
18469	major	NullPointerException when using mailfilter in admin mode
18570	major	user created with "groupware_premium" cannot use public folders with OLOX2
18656	major	spamhandler spamassasin nicht funktionsfähig -> sendet inkorrekte daten zum spamc prozess
18546	major	MSN Crawler fails
18676	major	gmail subscription not working (service not available)

18709	major	Sent mails have a leading whitespace on newlines
18733	major	Appointments from public folders are not shown at personal calendars of participants without read access

6.2. Known Issues - OXtender for MS Outlook

6.2.1. Functional Limitations

[MS Outlook 2003] Appointment confirmation

In MS Outlook 2003 setups we have seen deadlock situations after confirming an appointment or checking an appointment's status page. When closing the MS Outlook window, the Outlook application may reside in memory. If such situations occur, the user can close Outlook using the system's processes window.

We strongly recommend updating to MS Outlook 2007 where this effect has been fixed.

[MS Outlook 2007] Reminders of recurring Appointments and their Exceptions

Reminders of a change exception of a recurring appointment won't show up in MS Outlook 2007 due to a limitation in MS Outlook. It's not possible to add reminders to exceptions of recurring appointments when the main series has been created with "no reminder" set. This is also described at <http://msdn.microsoft.com/en-us/library/ee204069.aspx>.

However, MS Outlook 2003 seems to be able to handle exceptions with reminders when the main series has no reminder set, so we still set the appropriate values into the exceptions, which results in the following behavior:

- MS Outlook 2003: same as seen in the groupware web interface
- MS Outlook 2007: reminders of exceptions not visible, when the main series was created with no reminder set

OXtender and iMip Attachments (Appointment Duplicates)

To become more compliant with calendar standards iCal (iTip, iMip), Open-Xchange Server v6.16 introduced a new handling for appointment notifications and provides attachments to notification mails. This conflicts with the way the OXtender for MS Outlook retrieves calendar data directly from the OX Server. To avoid appointment duplicates, the OX Server Administrator needs to make sure that appointment attachments for **internal** participants are disabled.

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

Bug #15240 - An Exception of a recurring Appointment may get lost after moving it in Outlook

This effect may occur in cases where a recurring appointment is created in the Open-Xchange web front-end and later, in Outlook, the last instance of the series gets moved. For unknown reasons Outlook seems to send a Delete-exceptions and the last appointment of the series is still shown in Outlook shown but not in the OX web front-end any more.

Workaround: Create recurring appointments and their exceptions only in either environment, in the OX web front-end or in Outlook, and avoid switching environments when modifying the same series.

Bug #16166 - Group Appointment could not be deleted after Group Definition changed

Assume, an appointment had been scheduled for a group and thereafter an additional user is added to that group. Then that additional user may not be able to delete the appointment via MS Outlook.

Workaround: Delete the appointment using the OX Web GUI.

6.3. Known Issues - OXtender for Business Mobility

6.3.1. 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.

6.3.2. 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.