

Open-Xchange Server 6 (OX6) v6.18-Rev7

Major Release v6.18

Release Notes 1.01

Release Date: 2010-08-30

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1. About this Release

This is the major release v6.18 of Open-Xchange Server 6 (OX6), the basis for the Open-Xchange Hosting Edition and the Open-Xchange Server Edition.

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

- OXtender for MS Outlook
- Open-Xchange Client Updater
- OXtender for Business Mobility

An updated version of the OXtender for Mac OS X will be provided at a later time.

Warning: Before installing this version in a production environment, please make sure

1. that you understand the Known Limitations described in section 6 of this document

2. that you understand the Changes described in section 4 - You may have to apply changes to your custom components, to your database, or change configuration parameters of your runtime environment.

2. Shipped Packages and Version

2.1. Open-Xchange Server 6

Version: v6.18.0-Rev7 (2010-08-25)

The version number is the same for the groupware server and the groupware front-end.

When reporting bugs, please make sure to include this 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 for MS Outlook

Version: v6.18.4 (2010-08-25)

File name: OXtender_for_Microsoft_Outlook_<language>_6.18.4.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: v6.18.1 (2010-07-29)

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 "6.18" from the version field.

3. New Features

3.1. Open-Xchange Server Highlights

Highlights in this release are:

- Social OX - Publish & Subscribe
 - Subscription of gmx.com®, MSN® and T-Online®
 - Invitation Mails for Publications
 - Enhanced subscribed Subfolder Creation
 - Inbox Information in the Unified Mail overview
 - Reload Function integrated into the Save Button
 - Reload Button triggers Subscription Reload
 - Folder-Icons for Twitter®, Facebook® and RSS
 - Availability of Messaging Functionalities in the Panel
- Convenient Category Assignment
- Alternative Folder Navigation Tree
- VoIP-integration with VoipNow by 4PSA
 - Call History for the VoipNow Plug-In
- Features, Functions and general Improvements
 - Significant Performance Improvements on Login
 - Private Appointments at Shared Calendar
 - Browser Tab Signals new E-Mail
 - New iCal Behavior – Accept Handling by changed Participant
 - Enhanced Calendar Team View Details
 - Enhanced Calendar Team View Settings
 - Polish as new supported Language
 - Appointment Export via Right Mouse Button
 - Appointment Creator at the Confirmation Dialog
 - Displaying of e-mails “on behalf of \$SENDER”
 - Persistent Auto login / Enhanced Session handling
- Administration, Technical Extensions, Plug-In’s, etc.
 - Platform for the OXtender 2 for MS Outlook®
 - Panel Section “Synchronization” is Plug-In-capable
 - JavaScript Auto-Versioning
 - Mobility Auto-Configuration Plug-In
 - Configurable URL for Publish Functionality
 - Configurable Auto-Complete Function
 - Separate e-mail name

3.2. Open-Xchange OXtender for MS Outlook®

- Polish as new supported language
- Improved Error Messages for the Installer

3.3. Open-Xchange OXtender for Business Mobility

- Bug Fixes and Performance Improvements

For more detailed descriptions of the new features listed here, please refer to the v6.18 Features Document or the user and administration manuals coming with this release.

For details about configuration setting changes/additions please check section 4 of these release notes.

4. Major Changes

4.1. For Developers - API Changes

4.1.1. RMI

Change #277 – Alternative Folder Tree

The preferred folder tree of every user should be administrable. The user object of the administration RMI interface has been extended by a new attribute named folderTree. Through that attribute the folder tree can be configured individually per user.

Valid values are currently null, 0 and 1.

- null does not touch the actual selected folder tree,
- 0 sets the OX standard folder tree and
- 1 sets the Outlook-like folder tree.

This is a backward compatible extension.

4.1.2. CLT – Command Line Tools

Change #277 – Alternative Folder Tree

The preferred folder tree of every user should be administrable. The user object of the administration RMI interface has been extended by a new attribute named folderTree. Through that attribute the folder tree can be configured individually per user.

Valid values are currently null, 0 and 1.

- null does not touch the actual selected folder tree,
- 0 sets the OX standard folder tree and
- 1 sets the Outlook-like folder tree.

The attribute can also be set using the user centric CLTs through the new command line parameter --foldertree.

Change #349 - Context and User Creation via CSV Import

A new option has been introduced in the createuser and createcontext command line tools. The option looks as follows:

```
--csv-import <CSV file>
```

where <CSV file> is the full path to CSV file with user data to import. This option makes mandatory command line options obsolete, except credential options (if

needed). But they have to be set in the CSV file.

With this option you can specify a csv file (a full pathname must be given) with the data that should be imported. The column names in the CSV file must be the same as the long-options of the command line tools, without the prefix "--".

This option will normally be used to fill new big installations with initial data. So instead of calling the command line tools in a shell script every time, just a csv file needs to be created, containing the whole data.

Note that the credentials of the masteradmin in the createcontext call must be given on the command line with the -A and -P options nevertheless - if authentication is enabled.

If the createuser command line tool is used, the credentials need to be part of the csv file, and cannot be set as options on the command line itself. The reason for this different behavior is that different contexts have different credentials for the admin user, so they must be set on each line in the csv file. In contrast to this the credentials of the masteradmin are always the same.

4.1.3. HTTP-API Changes/Extensions

Change #257 – Color Tags

The current data format of tags within the users configuration does not allow to be extended with colors. Therefore it needs to be migrated to a new data format. The UI will detect and migrate old tags automatically. The new location within the user configuration will be:

```
config.gui.categories.local = [Array of Objects]
```

It allows to store each tag/category as an object which can easily be extended later (e.g. for global tags). Right now the name is the identifier and it must be unique (case insensitive).

The new data format looks like:

```
[
{
name: the name of the tag/category [string]
color: the color id [number]
},
...
]
```

Currently 25 standard colors are predefined. These colors are static and cannot be changed by users. For developers though these colors have been implemented as themeable.

Note: After all former tags have been migrated; the old location 'gui.private_categories' is obsolete and will be deleted from the config! This may become interesting for developers accessing this string directly, even though this has never been recommended.

Theme developers need to add the new 26 color style attributes available from the default theme (default/global.css) to each theme! Otherwise colors will not show up properly.

Change #265 – New Request for Importing Mails

A new `action=import` has been introduced for the mail servlet JSON interface. This action is very similar to the `action=new` whereas the new action is only for storing mails in the OX mail backend and not for sending emails.

Therefore the parameter `folder` is always required to define the mail folder into that the emails should be imported. The parameter `src` is not used anymore and therefore removed. The parameters `flags` and `sessions` are the same.

The body of the import request must be multipart/form-data encoded. It should contain file items that all have different names and should contain the binary mail bodies as text/rfc822.

This is a backward compatible extension of the HTTP API.

Change #283 – UUID for Distribution List Members

A new client extension requires UUIDs of distribution list members. The field "id" of a distribution list member record had been ambiguous and could not be used. The HTTP API defined the field "id" of a distribution list member as "User ID of the member if the member is an existing Contact.". But not all Contacts are also Users and such may not have a User ID. The GUI behavior had been inconsistent: The GUI sent a User ID, and only if that was not available, a Contact ID.

This change now specifies the field uniquely as a Contact ID, resolving the ambiguity, and updates the GUI behavior. The server behavior has not changed because the server keeps storing the data received from the HPPT API call.

Please note: This is a backwards-incompatible change affecting custom clients. Existing distribution lists with internal users will use the wrong contacts until corrected manually. Only custom clients that evaluate the field "id" are affected (the OX Web Front-end, for example, is not affected).

Change #279 - Default in Wizard Configuration File

The wizard contained a misleading default in its configuration file. The file settings/open-xchange-gui-wizard-plugin.properties should contain a key ending with "/module", which allows disabling of the wizard by changing its value from true to false. Any other key (including the current "/show") is misleading because it will not prevent the wizard from being loaded.

Change #286 – Path to Web Server for EasyLogin

The path to the UI can now be passed as a parameter to the easy login process (see also change #285 under configuration changes). The redirect action of the login servlet now understands an additional optional parameter. It is named uiWebPath can contain the path on the web server where the UI is stored and to which the redirect request should redirect the browser.

Change #293 - Default for "from"-Headers of Notification Mails

Some customer setups require that the "from" header in notification mails is the default sender address rather than the primary mail address. For better flexibility, the property 'com.openexchange.notification.fromSource' has been added to the configuration file 'notification.properties'. It configures which of the user's mail address should be used for the "from" header of notification mails.

Valid values are:

- 'primaryMail' - the primary mail address of the user

- 'defaultSenderAddress' - the default sender address selected by the user from the list of aliases

Change #294 - Removing default JCS from mailcache.ccf

The default JCS configuration from the 'mailcache.ccf' configuration file has been removed since it had been redundant to the configuration in 'cache.ccf' configuration file.

Change #314 - window.parent vs. window.opener for file download dialogs (Implementation Change)

A file download dialog can either be opened in a new window or in an iFrame. In case of an error, the JavaScript returned by the OX server needs to decide at runtime whether to access the main groupware context as window.parent or as window.opener.

Some custom requests though statically used opener, others statically used parent instead of leaving the decision to the returned JavaScript code.

The JavaScript code returned by the OX server has changed, and custom non-browser clients that try to extract JSON data from the returned HTML via an unnecessarily restrictive regular expression might break. The recommended pattern to look for was and still is '{' and '}'.

Change #315 - Consistent JSON Attributes across various Requests

Some attributes values for objects in the JSON response have not been consistent over all different request types. This needs to be made consistent for reliable client operation. In detail the following values have changed:

- Appointments - number_of_attachments:

This value will never be null anymore, because that value always exists. The request types ALL, LIST and UPDATES returned that attribute as NULL. Now possible values are ZERO or a higher integer number.

- Appointments - recurrence_id and recurrence_position

These attributes only have values if the appointment is a recurring appointment (series). The request types ALL, LIST and UPDATES always returned ZERO if the value was empty. Instead the value must be NULL to be consistent with the value of the GET request type. Please check if client code is capable to deal with NULL values for these attributes.

- Contacts - number_of_images:

Either the contact does have a contact image or it does not. The JSON object of the GET request now always contains number_of_images containing, which has to be either 0 or 1. The attribute was missing before. The column values of ALL, LIST and UPDATES requests have been fine before.

- Contacts - file_as:

This attribute was only contained in the column values of ALL, LIST and UPDATES requests. Now the JSON object of the GET request may contain that at-

tribute, too, if it contains some value.

- Contacts - default_address:

The column attribute value can now be NULL if the attribute is not defined for the contact. Before it was always 0 or greater. This applies to ALL, LIST and UPDATES requests. The JSON object of the GET request already contained the attribute only if it was defined.

Change #325 - Timeout for Sun LDAP Connection Pool

In some customer environments we noticed that the sun ldap connection pool seems to get problems with the connection handling. Therefore adjusting the sun internal property "com.sun.jndi.ldap.connect.pool.timeout" is needed, which influences the timeout after which connections are removed from the pool.

The example configs will get a new value specifying the value for the property "com.sun.jndi.ldap.connect.pool.timeout".

The file LDAPglobal.properties.example will get the entry

```
# Specify the timeout of one connection in the pool here
com.openexchange.contacts.ldap.context111.LDAPglobal.pooltimeout=
```

and the file LDAPglobal1.properties.example will get the entry

```
# Specify the timeout of one connection in the pool here
com.openexchange.contacts.ldap.context111.LDAPglobal1.pooltimeout=
```

Please note that these config files are example files. So there's no real config file.

The former default value for the property of an unlimited timeout remains untouched. So this property must be set explicitly.

Change #326 - De-Referencing LDAP Aliases (Sun Environments)

In some customer environments we experienced difficulties with the Sun default handling for dereferencing aliases in ldap. Sun's default is to always dereference aliases, but this seems to cause problems in some environments. Also the command line tool ldapsearch behaves differently by not dereferencing aliases. So this has been made adjustable.

The example configs will get a new value specifying how to dereference aliases

The file LDAPglobal.properties.example will get the entry

```
# Specify how aliases are de-referenced. This value influences the property
# "java.naming.ldap.derefAliases" of the underlying sun ldap implementation. #
The allowed values are: "always", "never", "finding" and "searching"
# Please see http://java.sun.com/products/jndi/tutorial/ldap/misc/aliases.html
```

```
# for details  
com.openexchange.contacts.ldap.context111.LDAPglobal.derefAliases=
```

and the file LDAPglobal1.properties.example will get the entry

```
# Specify how aliases are de-referenced. This value influences the property  
# "java.naming.ldap.derefAliases" of the underlying sun ldap implementation.  
# The allowed values are: "always", "never", "finding" and "searching"  
# Please see http://java.sun.com/products/jndi/tutorial/ldap/misc/aliases.html  
# for details  
com.openexchange.contacts.ldap.context111.LDAPglobal1.derefAliases=
```

Please note that these config files are example files. There's no real config file.

The default value of the setting remains untouched, so the property must be set explicitly.

Change #330 - Custom Time Zone Definitions

For the OX back-end the set of available time zones is predefined by the Java virtual machine. Certain clients though e.g. MS Outlook may use a different set of time zones definitions (texts).

To avoid the maintenance of multiple definitions, the preferences tree has been extended with a new key 'availableTimeZones'. This key contains a JSON object carrying the set of available time zones on the back-end server. The JSON object carries the time zone identifier as a key and the user specific translation as its value.

This change is backwards compatible. With custom clients that keep using their own definition set, the backend may not know the time zone text though and then fall back to the default text and the default translation. This extension has no potential side effects; it only eases maintaining time zone identifier lists and their translations.

Change #337/343 - Displaying Private Appointments in Shared Folders as a Block

To make it easier finding potential time slots when planning an appointment, shared appointment folders should display private appointments as blocks (without displaying any further information of course).

To ensure this,

1. the "**all**" request gets a new, optional parameter "showPrivate"
2. the "**updates**" request gets a new, optional parameter "showPrivate".

The parameter is optional and defaults to "false", so old clients will keep working as they were. Only clients that explicitly set this parameter to "true" will display blocks in shared calendar views. Therefore, this is backwards compatible.

4.1.4. Changes of Front-End Customizations

Change #253 – Icons for Messaging Services Folders

The folder tree should use service-specific icons for messaging folders.

Instead of the generic messaging icon introduced in Software Change Request 234, each messaging service can now use a service-specific icon. The three messaging services implemented so far introduce the icons

img/folder/twitter.png,
img/folder/facebook.png, and
img/folder/rss.png.

The icon

img/folder/messaging.gif

introduced in 6.16 is used in case a new service does not define its own icon.

Please note: This is a backwards-incompatible change, since all themes need to add the three new icons, otherwise the MS Internet Explorer (IE) will display ugly "image-not-found" placeholders.

Change #342 - Colors of folder headlines

In certain environments, the folder headline was shown in light grey on a light grey background, making it invisible in some themes.

A font color was specified using a dynamically generated unique ID. Since this can (and did) break with changes in the HTML structure, the CSS selector "#d6e6" at the end of css/global.css has been replaced with ".font-color-folder-header".

Please note: This is a backwards-incompatible change. All themes must apply this change; otherwise the font color of the parent (selector ".font-color-header") is applied instead.

4.1.5. MAL – Mail Abstraction Layer

Change #376 - Override of Password Check

For MAL implementations it is required to override the formerly final method checkFieldsBeforeConnect() in com.openexchange.mail.api.MailAccess class.

A missing password is typically checked by the default method above and causes an exception being thrown.

A specific MAL implementation though may have to deal with an OX session not containing a password. By allowing to override this method, this check can be disabled, allowing the MAL implementation to establish a connection without a password set.

Please Note: By overriding this method you may introduce a safety gap.

4.2. For Administrators

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.

This chapter describes all tasks required for updates from v6.16 to v6.17/v6.18.

Change 249 – New Table to Track reserved File Names

To track reserved file names between multiple machines of a cluster, a table had to be introduced:

infostoreReservedPaths

A new UpdateTask and a new CreateTableService has been added to create the new database table in which the groupware temporarily tracks reserved file names. This is a new table and should not cause any side effects.

Change #267 – Alternative Folder Tree

The folder tree should be selectable for every user. The value for the selected folder tree must be stored persistently.

The table 'user_setting_server' has been extended by a new column. That column is named 'folderTree'. It stores the selected folder tree for every user. The default value can be NULL.

Therefore this is a backwards-compatible extension of the database schema.

Change #336 - Enable/Disable Publish and Subscribe Services

To enable Pub/Sub usability features, a new field has been added to the database denoting whether a certain subscription or publication is considered enabled or not. The new column is called "enabled" and will be added to both the table "subscriptions" and "publications".

Since just a new column has been added, there are no side effects to be expected.

4.2.2. Changed Configuration Files

Change #251 – Replacing Importer/Exporter Configuration Files

The configuration of the Importers and Exporters has been removed. This had been done using the Spring framework by editing importExporter.xml

We found that this was not used and the more pressing issue of configuring the import of Outlook CSV files in different languages and versions is now being addressed via the importCSV/*.properties files.

Change #266 – Default Folder Tree

OX6 now offers two folder trees for navigation. The OX standard folder and a newly introduced folder tree where unbound (type-free) folders can be created to organize e.g. projects.

Users will be able to select their preferred folder tree. The default folder tree - if the user has not made a selection - is configurable by the system administrator for the whole context setup.

The groupware configuration file `'/opt/open-xchange/etc/groupware/user.properties'` has been extended by a new property. That property is named `'com.openexchange.folder.tree'`. It defines the default folder tree if the user has not selected one.

Valid values are currently
0 for the classic OX folder tree and
1 for the new folder tree.

If this property is not defined, the OX folder tree will be used by default. Therefore this is a backwards-compatible extension.

Change 279 – Wizard Configuration

The wizard contained a misleading default in its configuration file. The file `settings/open-xchange-gui-wizard-plugin.properties` should contain a key ending with `/module`, which allows disabling the wizard by changing its value from true to false. Other keys (including the former `"/show"`) were misleading because they did not prevent the wizard from being loaded.

Change 282 – New Distribution Models / Module Permissions

The new distribution models for Open-Xchange Server require to correct the feature sets predefined when creating/provisioning users.

Some new feature sets have been defined that ease creating users. These feature sets are:

- webmail
- pim
- pim_infostore
- pim_mobility
- groupware_standard
- groupware_premium

Please note: The former feature sets `webmail_plus`, `pim_plus`, `groupware`, `groupware_plus` and `premium` have been deprecated.

The feature sets still contain all feature bits enabled.

The new feature sets are defined as follows:

- `webmail`=webmail, contacts, globaladdressbookdisabled, collectemailaddresses
- `pim`=webmail, calendar, contacts, tasks, globaladdressbookdisabled, collectemailaddresses, multiplemailaccounts, subscription, publication
- `pim_infostore`=webmail, calendar, contacts, tasks, infostore, webdav, globaladdressbookdisabled, collectemailaddresses, multiplemailaccounts, subscription, publication
- `pim_mobility`=webmail, calendar, contacts, tasks, syncml, usm, activesync, globaladdressbookdisabled, collectemailaddresses, multiplemailaccounts, subscription, publication
Groupware Standard always gets new features except mobility and OX-tender.
- `groupware_standard`=webmail, calendar, contacts, infostore, tasks, webdav, ical, vcard, readcreatesharedfolders, delegatetask, editpublicfolders, editgroup, editresource, editpassword, collectemailaddresses, multiplemailaccounts, subscription, publication
- `groupware_premium`=webmail, calendar, contacts, infostore, tasks, webdav, webdavxml, ical, vcard, syncml, usm, activesync, readcreatesharedfolders, delegatetask, editpublicfolders, editgroup, editresource, editpassword, collectemailaddresses, multiplemailaccounts, subscription, publication

Change 285 – Path to Web Server for EasyLogin

The path to the UI on the web server may not be located directly under / therefore needs to be configurable. Some hosters want to put present a landing page or have additional content on the web server and not only the OX6 UI. The new EasyLogin implementation relies on the redirect action of the login servlet requiring a configurable path of the UI.

The `server.properties` configuration file is extended by a new property named `com.openexchange.UIWebPath`. That property contains the path to the UI on the web server. By default that path is `/ox6/index.html`. This is the default installation location of the UI.

The `notification.properties` configuration file gets a new default for the `object_link`. A new token is introduced there named `[uiwebpath]` and it is by default

part of the `object_link`. That token is replaced by the content of the property `com.openexchange.UIWebPath`. This eases administration because the UI web path can be configured only in one place.

The EasyLogin gets an additional parameter. This parameter can carry the path to the UI on the web server. This parameter is passed to the redirect action of the login servlet that now understands the same parameter.

Change #304 - Removing unused Comments from `javamail.properties`

The file `/opt/open-xchange/etc/groupware/javamail.properties` contained comments looking like configuration parameters for SMTP, IMAP, or POP3 connections.

They had just been ideas and even if uncommented, the Open-Xchange Server would never interpret these parameters. To avoid any confusion, these lines including their additional comments have now been removed:

```
#mail.smtp.socketFactory.class=  
#mail.smtp.socketFactory.fallback=  
#mail.smtp.socketFactory.port=  
#mail.smtp.starttls.enable=  
#mail.imap.starttls.enable=  
#mail.imap.socketFactory.class=  
#mail.imap.socketFactory.fallback=  
#mail.imap.socketFactory.port=  
#mail.pop3.socketFactory.class=  
#mail.pop3.socketFactory.fallback=  
#mail.pop3.socketFactory.port=
```

Note: It is not possible to automatically remove these lines from existing configuration files by `postinst` as they are all just comments. To avoid future confusion, we recommend deleting such lines manually.

Change #305 - Timeout for Mail Filter Connections

In some customer configuration we experienced timeout stack traces for the mail filter connection. For more flexibility a timeout configuration parameter is being introduced to address different customer scenarios.

In the file `/opt/open-xchange/etc/groupware/mailfilter.properties` the new line:

```
# Specifies when the connection should time out (value in milliseconds)  
com.openexchange.mail.filter.connectionTimeout=30000
```

will be introduced. The timeout value of 30000ms is the same as formerly hard-coded value. So in the default configuration the behavior will remain unchanged.

This timeout will then be used as replacement of the original hard-coded value.

Change #308 - Additional HTML tags whitelisted

The following tags have been added to whitelist.properties to be accepted for HTML mails: <dl>, <dt>, <dd>

Change #319 - IMAP Login Name Delimiter to Support Mail Push

The mail push bundle does not work when the IMAP login does not match the open-xchange internal user login. On some systems like OXAE, the imap login consists of the login + @domainname.

A new, optional parameter has been introduced in the config file

push_mailnotify.properties:

com.openexchange.push.mail.notify.imap_login_delimiter

If set, every part after and including the delimiter will be cut off from the
imap login as send from the imap server. This might be used in setups where
imap login contains a domain part like foo@example.com. The delimiter must be set
to "@" in that case.

leave commented when not needed

#com.openexchange.push.mail.notify.imap_login_delimiter=@

Change #329 - Creation Date Field for AD Contacts Mapping

Only for customers using contacts-ldap and ADS:

In the mapping file for Active Directory the mapping field for creation date was missing. As a result, you will get an error if the modification date for an object in your Active Directory tree isn't available, and thus the creation date is used as fallback.

In the file mapping.ads.properties.example

the value for com.openexchange.contacts.ldap.mapping.ads.creationdate needs to be changed from

com.openexchange.contacts.ldap.mapping.ads.creationdate =

to

com.openexchange.contacts.ldap.mapping.ads.creationdate = whenCreated

Change #334 - Auto-Login and Lifetime of Session Cookies

The new session handling requires new parameters:

One governing whether the autologin feature will be active,
the other governing the time-to-live of cookies used for autologin, i.e. the time the browser remembers its session.

The file sessiond.properties contains a new flag

com.openexchange.sessiond.autologin

with admissible values "true" or "false".

If set to "true" the autologin feature (reopening sessions after the in memory state of the client has been wiped from RAM, typically either by closing the UI in the browser or reloading the UI) is enabled, otherwise it is disabled. This defaults to true as to minimize impact on existing installations, as in previous versions of the Open-Xchange Groupware this feature was always enabled.

The second parameter is:

```
com.openexchange.sessiond.cookie.ttl
```

which governs the lifetime of the session cookies. If, and only if, the autologin feature is enabled the lifetime of both the secret cookie and the session cookie will be set according to this setting. Admissible values contain a value and a unit of measurement. Units of measurement are "W" for week, d for day or h for hour. 12h would denote 12 hours, 12W would denote 12 weeks. Default is one week.

Change #335 - Additional Parameter to support for MSN subscriptions

An additional parameter has been introduced in the in configuration file "crawler.properties":

```
com.openexchange.subscribe.crawler.msn.de=true
```

This is an entry into the whitelist of active crawlers; "true" meaning the respective crawler will be enabled on the system.

If the entry were missing, nothing bad would happen; the respective crawler just would not be enabled (same as setting it to "false").

Change #341 - Auto-complete Search across all Address Folders

The configuration file 'contact.properties' has been extended with a new parameter. This parameter defines whether the auto-complete search considers all readable contact folders or only the user's standard contact folder, his collected addresses folder and the global address book.

The parameter is named

```
'com.openexchange.contacts.allFoldersForAutoComplete'.
```

Possible values are 'true' and 'false'.

'true' is the default and means the auto complete search considers all readable contact folders.

Default: If this parameter is not configured, all readable folders will be searched.

Please note: To lower the load on the database server with contexts containing many users and/or many contacts, it is recommend to limit the auto-complete search to the three folders mentioned above.

Change #347 - GUI Versioning to Spare Clearing Browser Caches after each Update

To make GUI upgrades more transparent for end users, the GUI now implements a new internal versioning mechanism. This removes the need for end users to clear their browser caches after each upgrade.

The versioning mechanism inserts a virtual subdirectory into URLs of static content, which is installed on the web server (as opposed to data which is generated by the application server, which is never cached anyway). Since the files on the web server are installed in the same place as before, without this virtual directory, the web server must remove it from URLs before attempting to find the files on disk.

GUI plug-ins should also start using the new virtual directory. This mainly affects image URLs used for buttons and other icons. The built-in function `getFullImgSrc()` automatically uses the new directory, but image URLs relative to the plug-ins directory must be processed by the new function `urlify()` before being used.

Please note: Although custom GUI Plug-Ins for OX6 will keep working after this change, we recommend adopting this change.

For administrators:

Please also refer to Change #347 in the "Packaging" section below.

Change #360 - URL Namespace for SOAP

The new SOAP framework needs its own url namespace, requests directed at which will have to be forwarded to the OX back-end. These are configured like other namespaces (e.g. `/ajax`, `/webdav`, `/publications`).

For example, when using `mod_proxy` AJP, a new configuration like the following would have to be added:

```
<Proxy /webservices>  
ProxyPass balancer://oxcluster/webservices  
</Proxy>
```

Change #362 - Standard Mail Folder Names for Polish and Japanese

Japanese and Polish translations for default mail folder names (Trash, Sent, Drafts, ...) have been added to the properties file "User.properties".

This way, when creating a user with one of these locales, their default mail folders will be named in their language.

Change #367 - Limit for Number of Objects to be synchronized per Call

With a new configurations property you may now limit the number of objects with are synchronized as part of one sync-call (when send from the OX Server).

To prevent from OutOfMemory effects the synchronization system has been extended such that the number of objects sent from the OX Server, the size of an e-mail, and the number of attachments of a PIM object can be limited.

In case the limit would be reached when sending objects to the client, the number of objects sent will automatically be reduced.

Though to avoid infinite sync loops, at least one action will always be sent to the client (unless the client has explicitly specified a limit of 0).

These two limits only affect new objects and changed objects. Deletions are not affected since only the respective UUIDs need to be transferred.

Default values for the new properties are:

Number of objects: 0 (means no server limit regarding the number of objects)

Mail size: 2 MB

Number of PIM attachments: 5

Sample from the property file:

```
# Defines a hard limit on syncInit and syncUpdate that will never be
exceeded by server replies regardless of client parameters.
# The limit will be respected even if the client sent no limit. A value
of <=0 means no hard limit (default: 0)
com.openexchange.usm.json.sync.limit.objects=0
```

```
# Defines a limit in bytes of accumulated email sizes that may be
transmitted from the server to client in 1 syncInit/syncUpdate call
# This limit is in addition to the object count limit and any optional
limit provided by clients. Only whole emails are synced and at least
# 1 email will be transmitted (unless the client specified a limit of 0
objects to transmit), default is 2 MByte.
com.openexchange.usm.json.sync.limit.email_size=2097152
```

```
# Defines a limit regarding the number of attachments that will be
transmitted in 1 syncInit/syncUpdate. Note that for this
# limit only main objects of appointment series are counted (exceptions
to a series will be always transmitted). At least 1
# PIM object will be reported even if this contains more attachments
than specified in the limit, default value is 5 attachments
com.openexchange.usm.json.sync.limit.pim_attachment_count=5
```

Change #369 - Whitelisting for IP Ranges

When deployed as a backend to a service cluster, it can be useful to use the same user session from different machines. For this, the IP check has to be disabled for certain address ranges.

In some scenarios it makes sense to use a single user session from different clients, say in a service cluster that is in turned backed by an OX cluster. Conventionally an OX session would have to be created per node in the service cluster, so as not to fail the IP check. To enable the service cluster nodes to share a session (and thereby save resources on the OX cluster), a whitelisting option has been added to disable the IP check for certain IP ranges.

To enable this functionality, a file "noipcheck.cnf" has to be added to the configuration path. Each line in the configuration file should contain either a single IP address (e.g. 192.168.32.99) or an IP range (192.168.32.100 - 192.168.32.200). Addresses that match either single addresses or the ranges (with the boundaries considered as part of the range, so 192.168.32.100 and 192.168.32.200 would also match) are exempt from the IP check.

Note though, that clients MUST still supply both the sessionID in the URL and the secret cookie, and, in cluster setups the JVM route either through the JSESSIONID cookie of a modified URL.

Change #371 - Increase of Java MaxPermSize required

Beta testers reported that Open-Xchange Server ran out of PermGen space during class loading. This can be solved by an additional Java start-up option

```
"-XX:MaxPermSize=128M"
```

in both the files

```
"open-xchange/server/conf/groupware/ox-scriptconf.sh.in" and  
"open-xchange-admin-plugin-hosting/sbin/oxinstaller.in".
```

Change #378 -

A new option has been introduced to 'imap.properties' whether client's IP address should be propagated by a NOOP command; e.g. "A01 NOOP <CLIENT_IP>". This feature was requested by a customer with a lawful interception tool integrated into his IMAP system.

The Property file

```
'imap.properties'
```

has been extended by the option

```
'com.openexchange.imap.propagateClientIPAddress'
```

which is false by default.

Moreover this option only affects the primary IMAP mail account. External IMAP accounts are not considered.

4.2.3. Changed Defaults

- none -

4.2.4. Changes in Packaging/Bundles

Change #311 – USM Package split into USM and EAS

The former package USM had to be split into two separate packages:

- EAS
- USM

The EAS part (Exchange Active Sync) will be only available to customers who license the OXtender for Business Mobility.

The USM part (Universal Sync Module) will be available to a wider customer base who use other Open-Xchange client extension e.g. the new OXtender for MS Outlook.

Therefore the EAS part of the former USM repository has been split off to a new EAS repository and packaging for the new EAS repository had to be added.

Change #317 - New Meta-Package open-xchange-meta-databaseonly

The dependency to mailfilter, resource-managerequest, group-managerequest, and password-change servlet and backend implementation will be removed from open-xchange-meta-singleserver because

- not every installation has a SIEVE mailfilter running
- uses database as backend for authentication

A new meta-package

open-xchange-meta-databaseonly

has been introduced, which will install all packages listed here.

Change #347 - GUI Versioning to Spare Clearing Browser Caches after each Update

To make GUI upgrades more transparent for end users, the GUI now implements a new internal versioning mechanism. This removes the need for end users to clear their browser caches after each upgrade.

The versioning mechanism inserts a virtual subdirectory into URLs of static content, which is installed on the web server (as opposed to data which is generated by the application server, which is never cached anyway). Since the files on the web server are installed in the same place as before, without this virtual directory, the web server must remove it from URLs before attempting to find the files on disk.

Please note: Since the new directory is virtual, and all files are also

available directly, this is a backwards compatible change for plug-in authors, but not a backwards compatible change for administrators, who must reconfigure their web server during the upgrade to 6.18.

A new file named readme.txt is available in the packages doc directory and it contains detailed instructions on configuring the Apache web server according to the needs of the GUI. It also contains information on other aspects of a proper Apache configuration like compression, etc.

Change #358 - Hook for custom Encryption of Passwords for 3rd Party Services

The Open-Xchange Server uses the user's password to en- or decrypt certain data (usually passwords to third party systems, e.g. Twitter). In some deployments though it may not be desirable or possible that the OX Server has access to the user's password. In these cases an alternate secret will have to be used. The bundle com.openexchange.secret provides a hook for plug-ins to supply a secret and encapsulates the old behavior (using the user's password) as a default.

Change #359 - More memory-friendly SOAP Framework CXF

An additional, optional SOAP framework is now included within Open-Xchange. This is deployed in a more OSGi-like fashion. This does not have any influence to the existing axis2 framework which is still used to provision data in Open-Xchange.

Change #365 - Auto-Configuration for Mobile Devices - Back-End

The configuration of a mobile device should be as simple as possible. To help the customer in configuring the mobile device, OX now embeds the automatic mobile configuration systems for iPhones and Windows Mobile.

This change introduces a back-end bundle for the auto-configuration. It will provide a servlet to which the mobile device can connect to be configured automatically.

The bundle is called
open-xchange-mobile-configuration-generator.

The bundle has a dependency on the EAS package to enable reading some configuration settings required. Thus the bundle must be installed on the same system as EAS.

Change #366 - Auto-Configuration for Mobile Devices - Front-End

The configuration of a mobile device should be as simple as possible. To help the customer in configuring the mobile device OX now embeds the automatic mobile configuration systems for iPhones and Windows Mobile.

This change introduces the front-end plug-in and the appropriate servlet bundle for the auto-configuration. It will provide the UI plug-in to select the target address for the configuration link. The configuration link will be sent through the transport layer (email or SMS/text messages) to the client. The link is the servlet URL for the configuration generator. The following bundles have been introduced:

- open-xchange-mobile-configuration-gui: The UI Plug-in which will provide the Frontend for the target selection (email or SMS/text messages)
- open-xchange-mobile-configuration-json: Servlet bundle for the UI Plug-in
- open-xchange-mobile-configuration-json-action-email: Transport layer for the Servlet

The SMS transport is not yet included in this set of bundles - it will be introduced with a later release.

These bundles should be installed on the same server where the OX front-end is running.

4.3. For End Users

Change #258 – Colored “Categories” replacing “Tags”

Other groupware systems tend to use the term “Categories” instead of “Tags”. Inline with the newly introduced color-coding of groupware objects (e.g. calendar entries), the term “Category” will now be used in the user front-end, user documentation, and online help.

Please note: This change will affect

- a) Custom and 3rd party documentation**
- b) Internationalization for community supported languages**

Change #327 - New Names for Access Permissions

The naming of OX folder permissions, e.g. which permissions are required to delete a folder had confused a number of customers.

To avoid such confusion between the "Admin" permission settings and the "Folder Admin" permission for a user, the user permissions and their settings have been renamed as follows:

- Folder admin: Yes, No
- Admin: None, Visible folder, Create objects, Create subfolders, Maximum
- Read objects: None, Read own, Read all, Maximum
- Modify objects: None, Modify own, Modify all, Maximum
- Delete objects: None, Delete own, Delete all, Maximum

The semantics and the internal numeric values have not changed.

The new name "Maximum" just describes the intended meaning in a better way: In case of future additions of new permission values, the setting "Maximum" will automatically include the new value, while "None", "Own" and "All" will not.

Please note: This change will affect

- a) Custom and 3rd party documentation**
- b) Internationalization for community supported languages**

4.4. 3rd Party Libraries and Licenses

Change #311 – Package USM split into USM and EAS

After splitting the former USM bundle (proprietary) into USM and EAS, the USM bundle will now be available under GPLv2, whereas the EAS bundle will remain under an OX proprietary license.

Please also refer to Change #311 under “Bundling Changes”

Change #339 - Axis 2 Engine v1.5.1 to Avoid Memory Leaks

Due to potential memory leaks after installing the open-xchange-axis2 package, the axis2 engine has been updated to the latest stable version 1.5.1 as it contains some memory leak fixes.

Side effects are not expected from this change. At least no API is affected.

Change #347 - jQuery introduced for GUI Versioning

With change #347 (see API Changes - GUI versioning to remove the need for clearing browser caches after each update), the GUI framework jQuery is being used.

Detailed license information can be found in the MIT license for jQuery:
<http://github.com/jquery/jquery/blob/master/MIT-LICENSE.txt>

Change #346 - opencsv for Importing Users/Contexts via CLT

To support the CSV Import functionality in the command line tools, a 3rd party library is required.

The opencsv library will be added to the /opt/open-xchange/lib directory. As all command line tools include everything prefixed with ox_admin_, this prefix will be added to the opencsv-2.0.jar as well. So the full path to the library will be /opt/open-xchange/lib/ox_admin_opencsv-2.0.jar.

opencsv is available under the Apache 2 license. See
<http://opencsv.sourceforge.net/dependencies.html>

5. Bug Fixes

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

Bug No	Severity	Description
15721	blocker	Deleting user with active POP3-account throws exception
15868	blocker	Cannot create several contexts within same branding in OX-POA plugin
15933	blocker	code for pop3 accounts tries to use a db read connection to write to
16541	blocker	AJP mount point /Microsoft-Server-ActiveSync doesn't exist in mod_proxy configuration
15588	critical	Sync with mobile device not possible "org.apache.commons.httpclient.ConnectTimeoutException"
15786	critical	changeuser behaves differently, oxldapsync does not work anymore
15902	critical	Connecting GMX-Accounts with gmx.de not possible
16335	critical	Mailfilter bundle isn't started because of missing configuration parameter
16336	critical	Sync stops on Win Mobile devices with error code 0x80820001
16353	critical	listContext gets slow with more than 100,000 contexts
16566	critical	Mail cannot be read anymore using iPhone
16683	critical	iPhone shows sync date of mails instead of receive date in IMAP server
16699	critical	Wrong permission on mail folder in MAL bundle if new folder layout is used
14356	major	Series ending on a specific date are one day too short
15200	major	After changing contextadmin password in the GUI pw not in sync with CLT
15300	major	Changed DefaultSenderAddress isn't used within notification mails
15507	major	Opening iCal attachments from invitation e-mail the content is imported immediately
15595	major	JSON error while deleting users from group using the Administration GUI Plugin
15596	major	Facebook subscription does not work
15687	major	gmail Account cannot be created using the wizard
15702	major	Overlapping publication/subscription dialogue menu
15703	major	"Change confirmation" button has no effect in shared calendar
15880	major	Redirect in Easylogin wrong
15884	major	AJP Listener "AJPListener-0010965" exceeds max. running time of 60000msec - > Processing time: 169399225msec
15891	major	webmail users without global addressbook can't set own contact attributes
15898	major	Error when accessing mail - Invalid Content-Type "application/x-zip"
15920	major	Choosing Mail as default module after login does not work every time
15999	major	If global address book is disabled a lot of other features must be disabled, too
16005	major	Appointment exceptions with recipient aren't synched
16037	major	Wrong directory in packages for EAS-documentation
16039	major	No access to public folders when deleting user
16077	major	EAS/USM not working after update
16158	major	After updating to 6.16 users get Session terminated messages in the GUI
16166	major	Appointment could not be deleted after group definiton changed
16200	major	UUENCODED mail attachments aren't displayed and accessible within mailer
16201	major	UUENCODED mail attachment is shown as plain text in mail body once the attached filename contains a blank character
16226	major	EasyLogin: Rien ne va plus
16228	major	User cannot be deleted due to "contact not found" exception
16295	major	Changed DefaultSenderAddress isn't used within notification mails' VCALENDAR file
16378	major	Server response: A protocol exception occurred during execution of IMAP request "UID FETCH (UID)". Error message: A80 BAD expected DIGIT instead of " "
16438	major	Sync stops on Win Mobile devices with error code 0x80820001
16461	major	As attachment forwarded e-mails cannot be displayed by mailer
16506	major	Sync stops on Win Mobile devices with error code 0x80820001
16607	major	Unable to subscribe/refresh LinkedIN due to Captchas

16621	major	Changing contact information on iPhone causes wrong birthday for the contact
15180	normal	Wizzard status messages not translated
15622	normal	Whole-day appointments are shifted by an hour on Mail for Exchange clients
15648	normal	unified inbox can not be set for the primary email account with the checkbox in the mail accounts list
15649	normal	unified inbox error: Das Pflichtfeld Login wurde nicht festgelegt
15655	normal	gmx subscription: request "CREATE Papierkorb". Error message: A14 NO Create failed
15656	normal	smtp.setSMTPEnvelopeFrom also used for external mail accounts
15660	normal	linked in subscription gives wrong username/password
15667	normal	new features can not be activated because of "user.beta=false"
15669	normal	displayname within the gui cannot be set if name part of another display name
15671	normal	msn pop3 account: POP3 CAPA command failed: -ERR unrecognized command
15676	normal	yahoo subscription is not syncing telephone numbers correctly
15683	normal	Xing-Account ohne Kontakte lässt sich nicht einbinden
15686	normal	Spam mails aren't moved to Spam folder in gmail Account
15696	normal	branding in reboot pop up broken
15724	normal	LinkedIN Crawler accepts invalid credentials, wizard blocks correction
15737	normal	changing options in /opt/open-xchange/etc/groupware/javamail.properties has no influence
15738	normal	Possible to select folders from external IMAP accounts within SIEVE filter rules
15742	normal	Using newly created external mail account requires relogin/config refresh
15744	normal	display name not set for gmx imported contacts
15747	normal	wrong wording in case of wrong username or password
15748	normal	wording issues in wizard
15750	normal	print button active in case of multi selected mails but does nothing
15764	normal	web.de connection test successful but a save fails in the wizard
15779	normal	wizard: creds. get saved even if they are wrong for services with external mail accounts
15796	normal	beta tag still on subscribe page
15820	normal	high groupware cpu consumption
15901	normal	Some HTML tags within e-mail are ignored by OX Server
15936	normal	Direct links don't work with the new easylogin servlet
15951	normal	Leave messages on server gets unchecked and stays unchecked after changing account
15975	normal	messages from external pop3 accounts get duplicated
16002	normal	deactivating of active sync only possible if usm, active sync and syncml is off
16027	normal	"Sender" mail header should be set equal to "From" header
16042	normal	attached vcards cannot be imported within popup and mail replay window
16044	normal	infostore: lock document - unlock is grayed out
16049	normal	Distribution list not available after update:
16061	normal	ldap login error: Unprocessed Continuation Reference(s)
16070	normal	plain text part of e-mails contains too many newlines
16103	normal	Report EAS doesn't honor blank output lines
16105	normal	Reaching the limits of database pooling should be logged
16106	normal	Cache Problem: Can't fix Socket is null
16107	normal	appointment series is not displayed correctly in workweek view
16148	normal	long running threads CachingUserConfigurationStorage.getUserConfiguratio
16149	normal	connection timeout for SieveHandler
16175	normal	appointment series can not be changed from ends on to ends after
16203	normal	External attendees are getting E-Mail notification for every accept/deny
16206	normal	Sorting due to "From/To" within mailer doesn't work correctly
16262	normal	unusual usage imap connections shown in munin graphs and imap socket connect errors
16264	normal	Polish translation not complete
16289	normal	Polish translation not complete (2)
16291	normal	login hangs at 10% caused by by a mysql lock
16346	normal	Missleading error message when sending mail fails
16356	normal	Umlaut issue when answering mails on WinMobile devices
16382	normal	Not possible to set category using RMB
16385	normal	English localization "Global addressbook" in de_DE language settings when using classic folder tree

16441	normal	Single appointments from a series cannot be deleted
16447	normal	infostore link for automatic saved attachments gives "not found"
16459	normal	Last line not printed at pagebreak when using Firefox
16462	normal	when setting recurring appointment to once, "Zeitraum" can still be set
16463	normal	Menu Tree not consistent
16467	normal	Embedded pictures within HTML mail aren't displayed
16472	normal	TinyMCE doesn't set image size within HTML mails
16478	normal	Moving and deleting of mail folders with subfolders not possible
16479	normal	Default folders are moveable
16480	normal	Error message if foldername of deleted folder already exists in trash folder
16490	normal	Task taken from the direct link of invitation mail isn't found, displayed and selected
16504	normal	MAL implementation must remove Recent flag on new mails
16505	normal	Draft flag should be set/removed when moving mail into/out of draft folder
16508	normal	Additional name not set when sending appointment mail
16522	normal	submenus available on RMB in folder tree even if there is no available function behind
16552	normal	Synchronizing recurring appointments from Nokia fails
16554	normal	E-Mail address check in mail filter gui doesn't allow "+" in local part
16576	normal	Environment Passwort does overwrite command line option
16595	normal	German translation for calendar settings wrong
16601	normal	If a new unread mail is selected initially the wrong status for mail flags is returned
16658	normal	Error while clicking to FAQ section in Versatel plugin
16663	normal	contacts-ldap does not query ad for creation date but complains it is not there
16667	normal	No Polish translations for default mail folders in User.properties
16703	normal	Drag N Drop Contacts on Minicalender creates new Appointment instead of triggering Upsell Layer
16708	normal	It must be possible to override the default mail checks
16732	normal	Description field for new appointments is displayed as mandatory
16717	normal	Some Polish words not or wrong translated
15745	minor	Inconsistent field names in personal settings in wizard and GUI setup area
15774	minor	Inconsistent field names in personal settings in wizard and GUI setup area
16384	minor	Different order of RSS feeds in IE and Firefox
16514	minor	List of "To:" recipients is reordered by the server
16220	trivial	Clearing a birthday is not possible if the birthday is set to 01/01/1970
16026	enh	IP address of a GUI client should be put into Mail Header
16380	enh	Removing the address import link within webmail

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

Confirmation Status for recurring Appointments

For recurring appointments the confirmation status can 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] Import of MS Outlook CSV Exports

The Dutch and Spanish versions of MS Outlook export CSV files with different field names than in other languages. Such MS Outlook CSV Exports can currently not be imported as-is.

Support of Dovecot 2.0

A new version of the mail server Dovecot, v2.0 has just been released. Support of Dovecot 2.0 is scheduled for the next major release.

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

15493 - NoClassDefFound within SOAP interface

This problem could not be reproduced deterministically. A fix has been postponed to a later release because it will require large architectural changes and the potential of unknown side effects.

15825 - Groupware dies with java.lang.OutOfMemoryError: PermGen space

Reproducing this issue is very hard and may be caused by different reasons. We assume the Apache Axis2 Framework to have a memory leak or at least our way using the Apache Axis2 Framework causes memory leaks. This release uses a new version of Apache Axis2 with a number of fixes for various memory leaks. Potentially this already fixes the issue. In addition the CXF framework has been included with this release (see change

#359) and CXF is known to be more robust than Axis2 especially for hosting environments.

Furthermore a configuration option is suggested in Change #371 (Section 4.2.2. Configuration Changes)

16097 - Deadlock on Database when Removing an Appointment Folder

This issue is caused in rare situations, where multiple used database connections in a transaction and it is tried to modify the same data through both database connections simultaneously. This may cause a deadlock on the database and both transactions would be rejected. There is no possible workaround. It is planned to have this issue fixed with the next major release.

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

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.

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

Nokia smart phones ships with "Mail for Exchange", implementing the MS Exchange Active Sync Protocol (EAS). Recent Nokia Smartphone's have been released with Mail for Exchange Version 3.0. Unfortunately Version 3.0 does not properly synchronize E-Mail. Installing the earlier version of Mail for Exchange v2.9 solves this issue.

Mail for Exchange 2.9 for compatible S60 5.0 devices:

File name: MailForExchange(2.9.208)_S60_5_0.sisx

<http://nds2.fds.nokia.com/fdp/interface?fid=A0K95YRLNSMPPV>

Compatible devices include Nokia X6, Nokia N97 mini, Nokia N97, Nokia 5800 Xpress Music, Nokia 5530 Xpress Music and Nokia 5230.

Mail for Exchange 2.9 for compatible S60 3.2 devices:

File name: MailForExchange(2.9.208)_S60_3_2.sisx -

<http://nds2.fds.nokia.com/fdp/interface?fid=A0K95YTAXODKMH>

Compatible devices include Nokia E71x, Nokia N96, Nokia N85, Nokia N79, Nokia N78, Nokia 6790, Nokia 6790 Surge, Nokia 6650, Nokia 6220 classic, Nokia 6210 Navigator, Nokia 6210 classic, Nokia 5730 Xpress Music, Nokia 5630 Xpress Music and Nokia 5320 Xpress Music.

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

- none -