



# **Open-Xchange Server 6**

## **Major Release v6.10**

### **Release Notes v6.10.0-Rev6**

Release Date: 2009-07-21

## Table of contents

<b>1.About this Release.....</b>	<b>3</b>
<b>2.Shipped Packages and Version.....</b>	<b>4</b>
2.1.Open-Xchange Server 6.....	4
2.2.OXtender for MS Outlook.....	4
2.3.OX Client Updater.....	4
<b>3.New Features.....</b>	<b>5</b>
3.1.Open-Xchange Server 6.....	5
3.2.OXtender for MS Outlook.....	5
3.3.OX Client Updater (preliminary version).....	6
<b>4.Major Changes.....</b>	<b>7</b>
4.1.For Developers - API Changes.....	7
4.1.1.RMI.....	7
4.1.2.CLT – Command Line Tools.....	7
4.1.3.HTTP-API Changes/Extensions.....	8
4.1.4.Changes of Front-end Customizations.....	10
4.1.5.MAL – Mail Abstraction Layer.....	10
4.2.For Administrators .....	11
4.2.1.DB Schema Changes and Update Tasks.....	11
4.2.2.Configuration Changes.....	13
4.2.3.Changed defaults.....	16
4.3.For End Users.....	16
<b>5.Bug Fixes.....</b>	<b>17</b>
<b>6.Known Issues.....</b>	<b>19</b>
6.1.Open-Xchange Server .....	19
6.1.1.Functional Limitations.....	19
6.1.2.Known Bugs of Severity blocker, critical, or major.....	19
6.2.OXtender for MS Outlook.....	21
6.2.1.Functional Limitations.....	21
6.2.2.Known Bugs of Severity blocker, critical, or major.....	21

## 1. About this Release

This is the a Release Candidate of Open-Xchange Server, v6.10. This major release includes

- Open-Xchange Server 6 (OX HE, OX SE)
- OXtender for MS Outlook
- OX Client Updater (as a preliminary version)

**This release is feature-complete, has gone through intensive testing, and is suitable for integration testing.**

This release candidate will become the final release for mid of July 2009, assumed that no more critical error come up during further tests.

**Warning: Before installing this release in a productive environment, please make sure that you are aware of the Known Issues documented in Chapter 6 of this document.**

## **2. Shipped Packages and Version**

### **2.1. Open-Xchange Server 6**

#### **Version: v6.10.0-Rev6 (2009-07-19)**

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 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: v6.10.3 (2009-07-15)**

`oxtender_for_Microsoft_Outlook_<language>_6.10.3.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: v6.10.1 (2009-07-21)**

`oxupdater_<language>_6.10.0.msi`

### **3. New Features**

#### **3.1. Open-Xchange Server 6**

##### **New Concept Social OX**

- Multiple IMAP-Accounts and POP3-Accounts (Beta)
- Multiple Accounts are available by e-mail creation
- Unified Inbox at the user interface (Beta)
- Subscription of Xing address books (Beta)
- Publication of contact folders for external users (Beta)
- Publication-link for large email-attachments

##### **Usability improvements**

- Appointment confirmation status
- Default Font and Size for the Web mailer
- Use counter for auto-complete function
- Attachment handling at the User Interface
- Refactoring of Pop up-Menus

##### **New Back-end Functions and Strategic-Behavior**

- Finalization of LDAP Address Book Plug-in
- Support of Internet Explorer 8
- Support of Java 6

For more details please refer to the v6.10 Feature Overview document.

#### **3.2. OXtender for MS Outlook**

- Plug-in for personal information edits
- Plug-in for server password changes
- Plug-in for vacation notices
- Plug-in for server mail filters

### **3.3. OX Client Updater (preliminary version)**

- Gets new and updated files from a custom update server
- Installs and Updates the OXtender for MS Outlook
- Installs and updates other Windows applications shipped as EXE or MSI packages
- Updates itself

## **4. Major Changes**

### **4.1. For Developers - API Changes**

#### **4.1.1. RMI**

##### **Change #NN**

Three new user flags have been introduced to enable/disable multiple mail accounts, subscription, and publication:

```
MultipleMailAccounts  
Subscription  
Publication
```

The default value for all three options is "off".

##### **Change #76**

Bug 13606 (Admin doesn't provide parameters to edit a user's mail\_upload quota settings) requires a change to the RMI and CLT .

In the user object of the admin the following fields must be added:

```
uploadFileSizeLimitPerFile  
uploadFileSizeLimit
```

as well as the corresponding getters and setters and the is...set methods.

#### **4.1.2. CLT – Command Line Tools**

##### **Change #NN**

Three new user flags have been introduced to enable/disable multiple mail accounts, subscription, and publication.

```
"access-multiple-mail-accounts";  
"access-subscription";  
"access-publication";
```

##### **Change #76**

Bug 13606 (Admin doesn't provide parameters to edit a user's mail\_upload quota settings) requires a change to the RMI and CLT.

Furthermore the command line tools of the admin will get these new options:

```
--uploadfilesizelimit <intvalue> UploadFileSizeLimit  
--uploadfilesizelimitperfile <intvalue> UploadFileSizeLimitPerFile
```

Through our scheme this will as well add the parameters to the SOAP interface of the admin daemon

### **4.1.3. HTTP-API Changes/Extensions**

#### **Change #NN**

Mail module introduces a new field "account\_name" with ID 652 to obtain the account name of a message.

A new module "mail account" has been introduced to manage multiple mail accounts.

#### **Change #42**

The fix for Bug 13227 (Contact search does not honor names) required the contact search to contain an option to do an OR query. This is an extension of the HTTP API. No existing functionality was changed, so this does not have any side effects.

#### **Change #47**

The fix for bug #12220 (Forwarding a mail as plain text can be confusing) required an extension of the HTTP-API. The API must be extended to specify the format in which a client wants a forward/reply messages being transferred. The calls "action=forward" and "action=reply" on "ajax/mail" are extended by an optional parameter "view" according to "action=get" request.

If this parameter is set to "text" the client wants the server to deliver a text-only version, if parameter is set to "html" the server may deliver the possible HTML content.

If parameter is missing, user's setting whether to allow HTML content or not as specified in mail display options is used. If HTML content is disabled "text" is used as default, if enabled "html" is used as default (with no image filtering).

#### **Change #52**

The server needs a logout-hook to perform necessary shut-down/clean-up actions



The interface "com.openexchange.login.LoginHandlerService" got an additional method "handleLogout(Login logout)"

If a handler needs to perform a specific logout action, this hook can be used. Otherwise it may be left empty.

### **Change #81**

The implementation of User Story #1211 (email auto-complete with contacts from global address book and collected contacts folder) requires multiple folderIds for a contact search-request. The parameter "folder" can now either be an integer or a JSON array of integers. So the old behavior is still present.

### **Change #90**

Bug #13828 (User can't change the appointment-confirmation at shared folder) uncovered that the appointment confirmation function of the HTTP-API had been implemented as described in the API documentation.

The old implementation had no possibility to confirm appointments for other users. All OX clients (e.g. the OX web front-end) were able to deal with that implementation and other consumers of the API may also have worked around this issue. But for proper compliance the behavior has now been adapted to the documentation. See:

[http://www.open-xchange.com/wiki/index.php?title=HTTP\\_API#Confirm\\_appointment](http://www.open-xchange.com/wiki/index.php?title=HTTP_API#Confirm_appointment)

Possible side effects:

Client implementations that are using the confirm request right now must ignore the docs, because this would raise an error. So after "repairing" the implementation on the server all these clients receive an error message.

The effort to change the clients should be extremely small – it is just a change in few attribute names.

The field folder\_id has changed to folder and is now a parameter and no longer part of the body. folder is now mandatory. Also the field id has moved from the body to the parameters. Note that the field id still exists in the body as optional field as described in change #90 but has a different meaning (it is a user id).

### **Change #91**

Furthermore to fix bug #13828 the field "id" (which is a user id) has been added to the request body as an optional parameter.

No side effects are expected from this change.

#### **4.1.4. Changes of Front-end Customizations**

##### **Change #65 – Custom Widgets**

A bug in handling `ox.UI.Widget.enable()` and `ox.UI.Widget.disable()` required an implementation change. When disabling/enabling a parent, the individual enabled states of the children got lost.

Internal methods `ox.UI.Widget.addContent()` and `ox.UI.Widget.setEnabled()` have changed. Side effects: Front-end plug-ins which defined their own widgets by overriding these methods must be adapted to continue working.

##### **Change #72 – Internationalisation of Exception Messages**

New functions need new exception messages.

A number of exception messages have been changed to make them more understandable.

For languages not maintained by OX, the PO files require translations for the new and changed exception messages.

As a side effect, such exception messages will default to English if no translations are made available.

##### **Change #87 – Internationalisation of Group Names**

Group 0 has been renamed to "All users".

Group 1 has been renamed to "Standard group".

For languages not maintained by OX, earlier translations for group 0/1 need to be aligned. If not, the English default names are in effect.

#### **4.1.5. MAL – Mail Abstraction Layer**

##### **Change #53**

Since OX6 v6.10 supports multiple mail accounts, several changes are necessary in the Abstraction Layer API:

- Multiple mail accounts
- non-numeric UID strings to support more back-ends

For details please refer to the JavaDoc documentation of Mail Abstraction Layer API.

<http://software.open-xchange.com/OX6/doc/ma1/>

Along with this change an additional JSON interface to manage mail accounts is introduced. Please see this JSON interface here:

[http://www.open-xchange.com/wiki/index.php?title=HTTP\\_API#Module\\_.22mail\\_account.22\\_.28preliminary.29](http://www.open-xchange.com/wiki/index.php?title=HTTP_API#Module_.22mail_account.22_.28preliminary.29)

## 4.2. For Administrators

This section documents the most important changes in the database schema and the respective update tasks. For a list of the update tasks available please check the configuration file "updatetasks.cfg".

### 4.2.1. DB Schema Changes and Update Tasks

This chapter describes all tasks that are executed to change the schemata of Open-Xchange database. The update tasks for version 6.10 skip the schema version numbers 35 to 39 to leave some space for update tasks for SP5 version. Additionally update tasks are extensible starting with version 6.10 through OSGi services. Therefore update tasks written by Open-Xchange use even schema version numbers to provide the space to add update tasks in between Open-Xchange update tasks by using odd version numbers.

#### **MailAccountCreateTablesTask**

This task creates the tables for the multiple mail account feature. This are the tables `user_mail_account`, `user_transport_account`, `user_mail_account_properties`, `user_transport_account_properties` and `sequence_mail_service`. The access information for additional mail accounts will be stored in this table. Additionally the mail account of every user will be migrated into this table with the following update task. With this task the schema version is increased to 40.

#### **MailAccountMigrationTask**

Every user of Open-Xchange has a mail account combined with his user account. The access information to this mail account is migrated by this task into the new tables for the multiple mail accounts to handle the primary mail account in the same way as additional ones. This task runs with schema version 40, too.

### **POP3CreateTableTask**

The new multiple mail account feature provides access to POP3 mail accounts, too. The POP3 protocol is very limited compared to IMAP for example and therefore a lot of information must be stored to give the user the feeling of a full feature mail account. Therefore this task creates the tables `pop3_storage_ids` and `pop3_storage_deleted`. There the information about existing mail identifier and deleted mails is stored to keep the presentation of the POP3 account consistent with the mails stored in that account. This task increases schema version to 42.

### **CreateGenconfTablesTask**

The extensible feature of subscription services requires the possibility to store arbitrary attributes for those services. This task creates the tables for storing this attributes named `genconf_attributes_strings`, `genconf_attributes_bools` and `sequence_genconf`. The version of the schema is updated with this task to 44.

### **CreateSubscribeTableTask**

The new feature of subscriptions is stored in its own tables. This task therefore creates the tables `subscriptions` and `sequence_subscriptions`. The schema version is updated to 46 with this task.

### **CreatePublicationTablesTask**

This task creates the tables for the new feature of publications. This tables are named `publications` and `sequence_publications`. The version of the schema is updated with this task to 48.

### **ContactsAddUseCountColumnUpdateTask**

The use counter for contacts has been introduced with SP5 version. Every time a contacts email is used when reading an unread email or sending an email the contacts use counter is incremented. This counter was stored into attribute `userfield20` of the contact. This update task adds the column `useCount` to the table `prg_contacts`. The schema version is 50 with this update task.

### **RenameGroupTask**

Fixing of bug 6692 introduced an new name for the group containing all users when they are created – the so called standard group. This update task renames the group and uses the new translated name according to language of the context administrator. With this task the schema version is updated to 52.

## **CorrectIndexes6\_10**

This update task improves all indexes on the tables for the InfoStore. The primary key is corrected, the index for searching for new InfoStore items is improved and an additional index is added to find all InfoStore items in a folder more quickly. An unused index is dropped. After running this task the schema version is 54.

## **AlterChangeExceptionFieldLength**

The column `field08` of table `prg_dates` stores the change exceptions of a series appointment. That column was defined as `VARCHAR(255)` allowing to store about 18 change exceptions. That column is now changed to `TEXT` to allow a lot more change exceptions. When this task is run the schema version is set to 56.

## **Change #54**

Additional tables had to be introduced:

- to support multiple mail accounts
- to support POP3 mail back-ends
- 

Two update tasks add the respective tables required for multiple mail accounts and to migrate existing mail account data.

Both task operate with version 40

In order to support POP3 mail accounts an additional table is needed which is created by another update task.

POP3 update task has version 42

## **4.2.2. Configuration Changes**

This section describes configuration parameters that have been added or where default values have changed

### **Change #55 - MailAccessCache**

Mail access cache needs a custom map implementation providing a time-out mechanism.

Thus MAL is able to purge outstanding cached mail access instances on bundle shut-down or logout.

The cache region "MailConnectionCache" has been removed from the cache configuration file "mailcache.ccf".

In order to define the frequency when to look for elapsed opened mail connections residing in cache and to define the default value when a mail connection is considered to be elapsed two new properties have been added to the file "mail.properties"

com.openexchange.mail.mailAccessCacheShrinkerSeconds

-> Defines the interval seconds of the mail access cache's shrinker thread

com.openexchange.mail.mailAccessCacheIdleSeconds

-> Defines the idle seconds a mail access may reside in mail access cache before it is removed by shrinker thread

### **Change #62**

The fix for bug #13477 ("Error: Invalid email address" when clearing email2 or email3 with "") required a change in the configuration files:

The configuration file "foldercache.properties" is missing for the configuration of the administration daemon. It is only located in the directory for the groupware configuration and therefore only read if the groupware is started. If the administration daemon is started the file is not read and default settings are used. This caused different configuration in groupware and administration daemon. This resulted in different behavior and some ugly side effects.

A third directory for configuration files has been introduced to carry files common for administration daemon and groupware server. When starting, this directory will be passed to the "configread" bundle to fetch the properties located in this new directory.

No side effects are expected from this change.

### **Change #70 – Removing an unused property**

From system.properties of groupware process and administration process the property for the path of the configdb.properties file was removed. That file is now read through ConfigurationService that does not need any path information.

### **Change #76 - Changing umask for Infostore documents**

The fix of bug #12859 (Changing umask for Infostore documents) required a change in the configuration file

```
/opt/open-xchange/etc/groupware/ox-scriptconf.sh
```

```
# Specify the umask of file permissions to be created by ox, e.g. in the  
# filestore
```

UMASK=066

Changes effect shell level. To test this manually

- change umask to e.g. 006
- upload file to infostore
- permission of newly created file must be -rw-rw----

### **Change #83**

In the past the content of the file updatetasks.cfg has been interpreted differently than now in the version 6.10 release. The new semantic is:

If the file "updatetask.cfg" does not exist, all available update tasks will be executed. If the file "updatetask.cfg" is available, its contents are interpreted. By modifying its content you can enable/disable selected update tasks.

### **Change #84**

Addressing the bug report #13746 (Predefined font style and size is not applied when when sending a mail or saving as draft) required a change in a config file "TidyConfiguration.properties".

The "clean" option seems not to work if HTML body starts with a <font> tag, since the tag is removed but not replaced with corresponding CSS statements.

See: <http://tidy.sourceforge.net/docs/quickref.html#clean>

Programmatically setting JTidy "clean" configuration option to false and removed "clean" option from TidyConfiguration.properties file.

### **Change #95**

With "Publish/Subscribe" v6.10 introduces a new set of functions, including the subscription of addresses stored in XING.

Change is for the c.o.subscribe.xing bundle org.w3c.css is used by html-unit (foundation of the crawler) and has a license of the type "W3C IPR SOFTWARE NOTICE".

The original version of the W3C Software Copyright Notice and License could be found at <http://www.w3.org/Consortium/Legal/copyright-software-19980720>

### **Change #97**

To fix the critical bug #14022 (Critical mysql performance in production), the access to table "prg\_dates\_members" had to be optimized.

An additional UNIQUE INDEX has been added that uses same columns like the PRIMARY KEY but in a different order. This UNIQUE INDEX is also added to del\_dates\_members.

## **Change #NN**

To enable the OX6 Server to deliver publications to external users, the apache configuration has to be changed to delegate calls below the /publications url namespace to the OX6 Server cluster. This is practically a copy of the configuration that has already been done for the paths /ajax or /webdav, this time for the path /publications. When a browser requests a path below the path /publications the apache will delegate that call to the OX6 cluster, which will in turn generate and deliver the publication.

## **Context Deletion**

Blocker bug #14128 (Context deletion may temporary fail if a stale lock file resides in the context file storage) has been fixed as follows:  
The context delete implementation service for attachments tries to access the file storage and if that fails due to a stale lock file the complete context delete operation fails. If the lock file has an age of 17 Minutes it will be deleted when the context delete operation is triggered again. Or a manually deleted lock file will be sufficient to have to context delete operation not to fail.

### **4.2.3. Changed defaults**

## **Change #94**

To fix bug #13880 (Outlook resizes images for contacts even if the server already did) a standard size for contacts images has been defined. The size for contact images will by default be configured to 90x90 pixels to prevent rescaling of the image by the OXtender for MS Outlook. This size of the image can be configured in /opt/open-xchange/etc/groupware/contact.properties.

### **4.3. For End Users**

The function of working with links between groupware objects has rarely been used and has been removed.



## 5. Bug Fixes

The following list gives an overview over the Fixes for Bugs reported by Customers and Partners:

Bug No	Sev	Description
13157	blo	RecurringCalculation.calculateWeekly produces GB of logs and the service to be unavailable
13834	blo	Unable to remove infostore objects with file attachments
12136	cri	FolderObject seems to be transferred by cache bundle
12517	cri	Foldercache does not synchronize properly
13154	cri	java.lang.OutOfMemoryError when sending mail with attachment from InfoStore
12253	maj	Session counter broken
12352	maj	User delete problem: Message=Unable to delete reminder
12355	maj	User not inviteable via Outlook Connector
13186	maj	Updating Oxtender with Update Server doesn't work
13482	maj	WebDAV LOCK request without XML body crashes
13533	maj	Deleted appointments in shared folders synced to everyone's "Deleted Objects" in Outlook
13861	maj	Opening an appointment to see participants changes status to accept and organizer
14158	maj	Unknown column 'alias' in 'where clause'
14163	maj	Sorting for alphabetic values fails on 1&1 MAL
14182	maj	Spam handling of a mail gives wrong uids to back-end in 1&1 MAL bundle
5735	nor	Two different icons for the same function "settings"
9207	nor	InfoStore, foreign key constraint fails
11824	nor	Hovers are displayed not completely at the browser window
12241	nor	Update.tasks.ContactsRepairLinksAttachments too much time consuming
12722	nor	Unread message counter did not update immediately for Trash folder after moving messages to Inbox
12779	nor	Inconsistent folder tree after clearing trash folder
12825	nor	Theming: Start page content boxes top background same as tabs
12826	nor	Theming: New documents pop-up large icons - implemented, application does not load them
12828	nor	Theming: Logout button white spots from the corners can not be removed
12857	nor	No second notification to participants should be sent
12874	nor	Participants of the task are able to delete the task created by another user
12949	nor	only calc recurring appointments for the needed time frame
13060	nor	empty string instead of NULL for email2/3
13069	nor	Street/Street business documented to have 64 chars while the database field has 256
13097	nor	english text for german users on 'Optionen' -> 'Module' page
13098	nor	no branding for the word OXTender at 'Optionen' -> 'Erweitert'
13137	nor	eml files can't be downloaded
13224	nor	server language packages have a wrong dependency to the GUI
13277	nor	no possibility to suppress creation of confirmed-ham/confirmed-spam folder
13380	nor	outlook resizes images for contacts even the server already did
13386	nor	Context Error: Unable to find a suitable server sporadic during runtime at getNextDBHandleByWeight
13443	nor	IE8: Unable to add attachments to an E-Mail

13449	nor	All request to attachments of a contact provided through ContactInterface brings up error
13450	nor	A search request in a folder whose data is provided through the ContactInterface will not work
13471	nor	Public folders not accessible via Outlook
13473	nor	Cookie parser can not deal with ";" terminated last cookie
13541	nor	Direct link send thru TinyMCE does not work in other email clients
13561	nor	default extras link can't be removed by configuration
13626	nor	Email3 is used as standard email address if Email2 is not present
13641	nor	The webdav interface misses support for dynamic folders
13762	nor	"Mark as" doesn't actualize the unread message counter
13961	nor	Error on loading contact list when composing new email
14019	nor	Error message while installing OXtender with running Outlook
14028	nor	AJP Listener exceeds max. running time at NonBlockingRWLock.acquireRead
14045	nor	Serial Tasks can not be created even if Sync for Tasks is deactivated
14160	nor	E-Mail Split view does not show size of attachments, is "undefined" in firefox, empty in IE6
14161	nor	E-Mail lists does not show attachment icons for unopened E-Mail
13853	min	"To:" header is shown wrongly
11917	tri	menu drop-down doesn't close

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. Open-Xchange Server

#### 6.1.1. Functional Limitations

After Service Pack 5 Open-Xchange has changed their versioning scheme and their release schedules. Earlier roadmaps may have included feature lists for a Service Pack 6 in fall 2009.

This has now been replaced by a sequence of major releases v6.10, v6.12, and v6.14. Major releases are now planned for every 2-4 months.

Shortly before the release the feature "Subscription of LinkedIn Addresses" became available. This feature is in "Beta" and not all addresses may be imported.

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

##### **Major 12623 - Updates requests return objects that time stamps are greater OR EQUAL given time stamp**

HTTP JSON and WebDAV/XML API provide a method to return all objects, that have been changed later than a given time stamp. This time stamp is returned as a UTC long with milli second resolution.

The current HTTP JSON API documentation states, that the server returns all objects, where timestamp is `_greater_` than the given one. But the server sends objects, where timestamp is `_greater or equal_` than the given one. This has the following effects:

\* The AJAX UI remembers the time stamp of the previous all-request or list-request. This time stamp is then returned to the updates-request. Since the current behavior of the server is not fully compliant with the API documentation, the UI gets in the response of the updates-request the newest object, that has already been returned with the list- or all-request. Side effect: This currently triggers a new rendering in the browser although this would not be necessary and lowers the performance.

\* The Outlook OXtender remembers the time stamp between subsequent synchronisations. It adds 1 to the time stamp and triggers the update-request with that increased time stamp. This is a workaround for the not API compliant

behavior of the server.

But this behavior causes another problem especially if the client is synchronized. Now it is possible that some synchronisation is done and its newest object has e.g. timestamp 42. In the same milli-second some other user creates a new object, that gets the timestamp 42, too. The subsequent updates request now does not contain the new created object because the time stamp is increased by 1. So for synchronisation purposes the time stamp must not be increased.

When this issue gets fixed the following behaviour should be the best:

- \* If the client is able to refresh the view by retrieving all objects again from the server the client should use the same time stamp as responded by the server in the previous request. This may lead to some temporary missing objects but only if 2 objects are created in the same milli second. The temporary missing object will be shown as soon as the UI is refreshed.
- \* If the client is synchronized and not able to retrieve all objects, the time stamp of the previous response should be decreased by one and the response may contain duplicate objects that already exist on the client. At least it contains the object that was created at the time stamp.

A fix for this effect is already available. Though this fix has a major impact to the API implementation and would affect a number of API consumers late in the release cycle. The fix will be included in the next major release v6.12, scheduled for Q3 2009.

### **Major 12942 - Updates to the calendar are not always updated at the client due to outdated object data sent by the server**

To scale horizontally, OX uses a MySQL-Master/Slave setup for large installations. If OX writes some information, it is written to the MySQL-Master. MySQL replication then populates this information to all MySQL-Slaves. OX normally reads information from the slaves. If the communication of client and server is very fast, even faster than the replication then the client sometimes might receive outdated information. This for instance can occur if you move appointments in your calendar by drag & drop. This issue is currently only reproducible if MySQL runs on VMware instances but it may occur on native hardware as well.

Since v6.10 was released earlier than originally planned, solution of this issue had to be postponed to the next major release v6.12, scheduled for Q3 2009.

## 6.2. OXtender for MS Outlook

### 6.2.1. Functional Limitations

#### Task Delegation

To avoid the unpredictable effects from the task module, task delegation had to be switched off for the OXtender for MS Outlook. All tasks fields will be replicated to/from Outlook. Though for using the task delegation feature you need to switch to the OX web front-end.

#### [MS Outlook 2003] Appointment confirmation

in MS Outlook 2003 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 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.

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

#### Major 9414 – Synchronizing offline deletions from Outlook to the OX Server does not work with recurring appointments

This effect occurs when multiple appointments or recurring exceptions are deleted when being offline. When going back online not all deletions are synchronized to the server.

This is a sporadic effect which may relate to a network timing issues.

#### Major 10927 - Moving an appointment (D&D) with external participants is initially not performed

This relates to a network timing effects.

Workaround: If you encounter such effects, please open the appointment and edit the date/time fields instead of using drag&drop.

### **Major 11709 - Delegated tasks disappear when opening them as an assignee**

The effect could be reproduced. This seems too be caused by data not being provided an underlying Outlook API. Research is going on. Though for now it is not possible to work properly with delegated tasks when working with Outlook and the OXtender for MS Outlook.

### **Major 13234 - [Outlook 2003] Moving an appointment to another day not possible**

Due to a caching problem in Outlook 2003 it is currently not possible to drag an appointment to another day if the appointment has another participant. Solutions are still being evaluated but unfortunately there is no quick work-around insight.

### **Major 13782 - Email invitation does not work when email3 is used**

This bug requires a fix on the OX Server and is scheduled for OX6 v6.14 planned for Oct/Nov 2009.

### **Major 14197 - Mail Filter Plug-in does not Check Server's Capabilities**

Before allowing the user to change existing or create new mailfilter rules, the plugin first needs to check the server's capabilities to get the allowed tests, comparisons and action commands. Currently there's no check performed by the plugin, which could lead to undetermined behaviour when the server's capabilities are limited.

Performing a short test against a server that doesn't support the 'regex' comparison or the 'addflags' action command showed that rules containing unsupported elements were simply ignored and not created or changed.

A fix for this issue is schedule for the next minor release of the OXtender for MS Outlook.