

# Open-Xchange App Suite

## Minor Release v7.8.2

### Feature Overview

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# 1. OX App Suite v7.8.2

## 1.1. The Purpose of This Document

This document provides an overview of the new Web front-end features, back-end improvements, and other changes that come with this minor release of OX App Suite, v7.8.2.

## 1.2. Key Benefits of OX App Suite v7.8.2

The main focus of this release is on improving the Web front end's design and providing usability enhancements for all applications. With OX App Suite v7.8.2, Open-Xchange has again made significant improvements to the overall design, improving navigation, optimizing workflows, and helping users maximize the benefits of the OX App Suite Web-based interface.

These enhancements are also available to users outside the OX App Suite environment when they work or collaborate with an OX App Suite user. The ability to experience OX App Suite without having an account should help drive further adoption of the product.

It should be noted that the enhancements to the general design and navigation are designed to help users maximize the benefits of OX App Suite. These updates can be realized in all applications in OX App Suite.

### **Mail Categorization with a Tabbed Inbox**

To offer a better and more efficient user experience, OX App Suite is now able to display various message categories in tabs above the inbox list. Users can choose to let OX App Suite organize their email for them automatically. Categories are fully configurable by the provider. Users can rename and enable/disable certain categories that are predefined by the service provider. Open-Xchange recommends the use of Dovecot 2.2 or higher along with the Pigeonhole Sieve implementation.

### **Drive Mail**

With OX Drive, OX App Suite already supports sharing files by generating public links. In OX App Suite v7.8.2, this is now combined with a new feature that allows composition of messages with large files without limiting the attachment sizes. OX App Suite automatically identifies attachments that are too large to send via email. These attachments are transferred to OX Drive and linked to within the email. This gives users the ability to send large files without needing to share them actively through OX Drive manually.

## **The Mail Attachment Overview**

To make working with attachments easier, OX App Suite offers a new folder, which shows all email attachments – files a user has attached to email messages and files received with incoming email. OX App Suite identifies and presents all attachments in one place, regardless of the inbox folder used to store the message. This new feature is part of the OX Drive Web interface and is provided in the OX Drive folder tree. Without consuming additional storage, it aids in scanning and working with attachments quickly. Please Note: This feature requires Dovecot Pro v2.2.25.1 or higher.

## **Address Book Access via the Mail Composition Dialog**

With OX App Suite v. 7.8.2, Open-Xchange introduces the possibility of using an address book pop-up when creating a new email message. With one click on “To” or “Cc,” users can open a pop-up to choose recipients from their address book contacts.

## **2. Mail Categorization with a Tabbed Inbox**

### **2.1. General Overview**

To offer a better and more efficient user experience, OX App Suite is now able to display various message categories in tabs above the inbox list. Users can choose to let OX App Suite organize their email for them automatically. Categories such as Work, Ads, Purchases, and Social create additional usability.

The categories are determined by IMAP user-defined flags (aka keywords). Categorization takes place through applying Sieve filters to incoming email, based on sender addresses. With OX App Suite v. 7.8.2, users are able to move messages from one category to another, which “under the hood” removes the flag denoting the earlier category and applies a new one, for the new category. In addition to allowing automatic categorization through OX App Suite, this lets users choose which email belongs to which category if necessary.

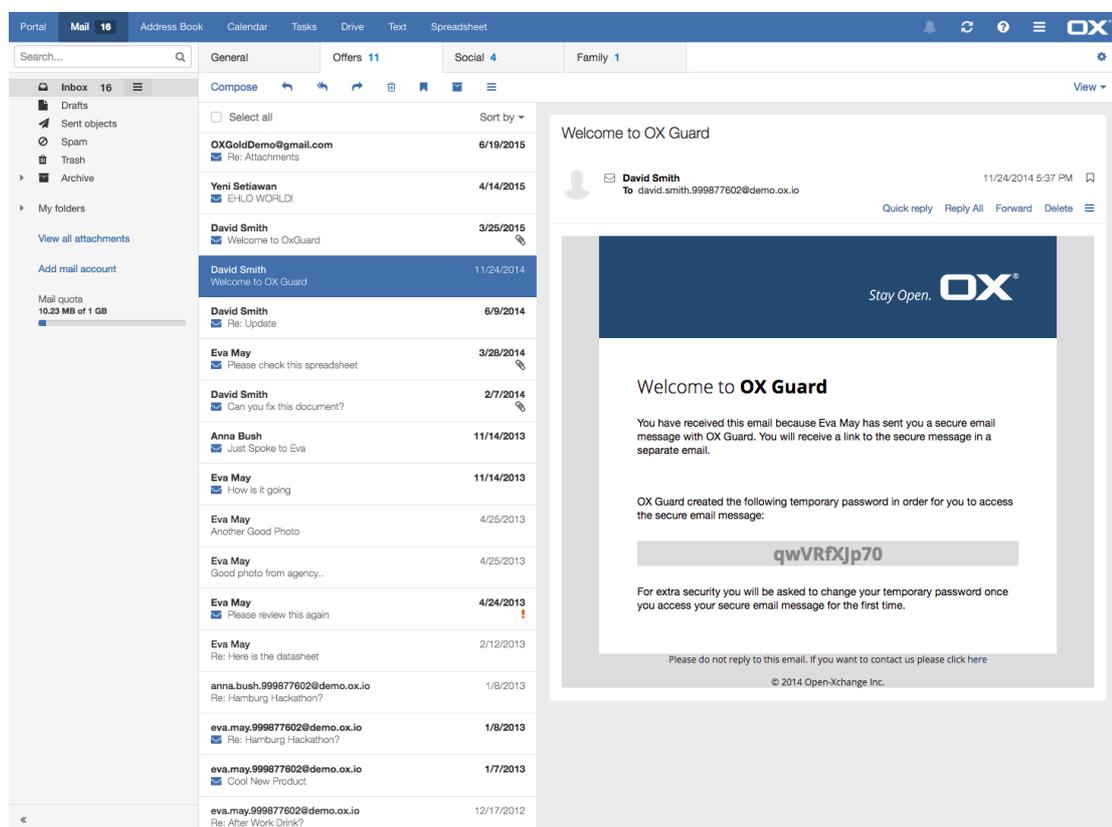
### **2.2. The General Design Concept**

With OX App Suite v7.8.2, Open-Xchange introduces a completely new categorization concept within OX Mail. Categories can be pre-provisioned without needing to contain any email initially but can also be renamed and otherwise customized by the user.

Categories are fully configurable by the provider; documentation will be available via [documentation.open-xchange.com](http://documentation.open-xchange.com) (the final link will be provided with the launch of OX App Suite v7.8.2).

These system categories can be defined by means of a specific parameter, which is part of the OX middleware.

Email categorization is available for the primary inbox only – categories are not available for external email accounts integrated into OX App Suite via the unified inbox feature. OX App Suite offers a new toolbar at the top to display the active tabs, using the categories’ names. To display the categorized email within OX Mail, users simply click on one of the tabs and access the associated items through their preferred mail view (vertical, horizontal, compact, or list view).



### 2.3. Managing Categories within the Web Front End

All messages not matching one of the categories defined are aggregated in a virtual category named “General.” Users can rename and enable/disable certain categories that are predefined by the service provider.

To categorize one or more messages, the user can move email between categories and thereby decide to assign all future email from the same sender to the preferred category. This also applies to existing mail from that sender. Of course, messages will not appear in multiple categories.

To maintain the various categories, OX App Suite introduces a new category management solution within the Inbox and Settings areas of the OX Mail Web-based front end.

## Edit Tabs

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Please feel free to rename tabs to better match your needs. Use checkboxes to enable or disable specific tabs. Note that some of the tabs can not be disabled.

- General
- Promotion
- Social
- Purchases
- Friends
- Product*

The tabbed inbox can be completely disabled in the mail settings.

Cancel

Save

Please note: The new category functionality does not work with the existing sort function “Conversations” (displaying several email messages that are connected with each other in a single conversation view). If choosing to use the new category functionality, the user is no longer able to use the conversation view.

## 2.4. New Setting Options

### Inbox Tabs

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Please note that conversations are not available when tabbed inbox is activated.

Should only the current message or all messages of the sender be moved

- Please ask me every time
- Yes, always move them all
- No, only move selected message(s)

[Change IMAP subscriptions](#)

Users are able to activate or deactivate the new function by using the mail settings and can also decide whether, after dragging and dropping of a message, App Suite should ask how to handle other email from this recipient.

## 2.5. Requirements and Configuration Options

The mail categorization feature has some requirements towards the used IMAP server for the primary mail accounts:

- The server needs to fully support user flags, i.e.
  - SEARCH by KEYWORD and UNKEYWORD
  - STORE for user flags, e.g. STORE 1:3 +FLAGS (\$offers)
  - Providing fast results for keyword searches, otherwise responsiveness of the mail views might suffer
- A Sieve server supporting the imap4flags extension.
- The App Suite middleware must have the open-xchange-mailfilter packaged installed and configured properly.

Open-Xchange recommends the use of Dovecot 2.2 or higher along with the Pigeonhole Sieve implementation.

Further information is available here:

[https://documentation.open-xchange.com/7.8.2/middleware/components/mail\\_categories.html](https://documentation.open-xchange.com/7.8.2/middleware/components/mail_categories.html)

## 3. Drive Mail

### 3.1. General Overview

With OX Drive, OX App Suite already supports sharing files by generating public links. In OX App Suite v7.8.2, this is now combined with a new feature allowing the user to compose messages with large files without having to worry about limits on attachment sizes. OX App Suite automatically identifies attachments that are too large to send via email, and these are transferred to OX Drive and linked to within the email. This gives users the ability to send large files without a need for actively sharing them through OX Drive manually.

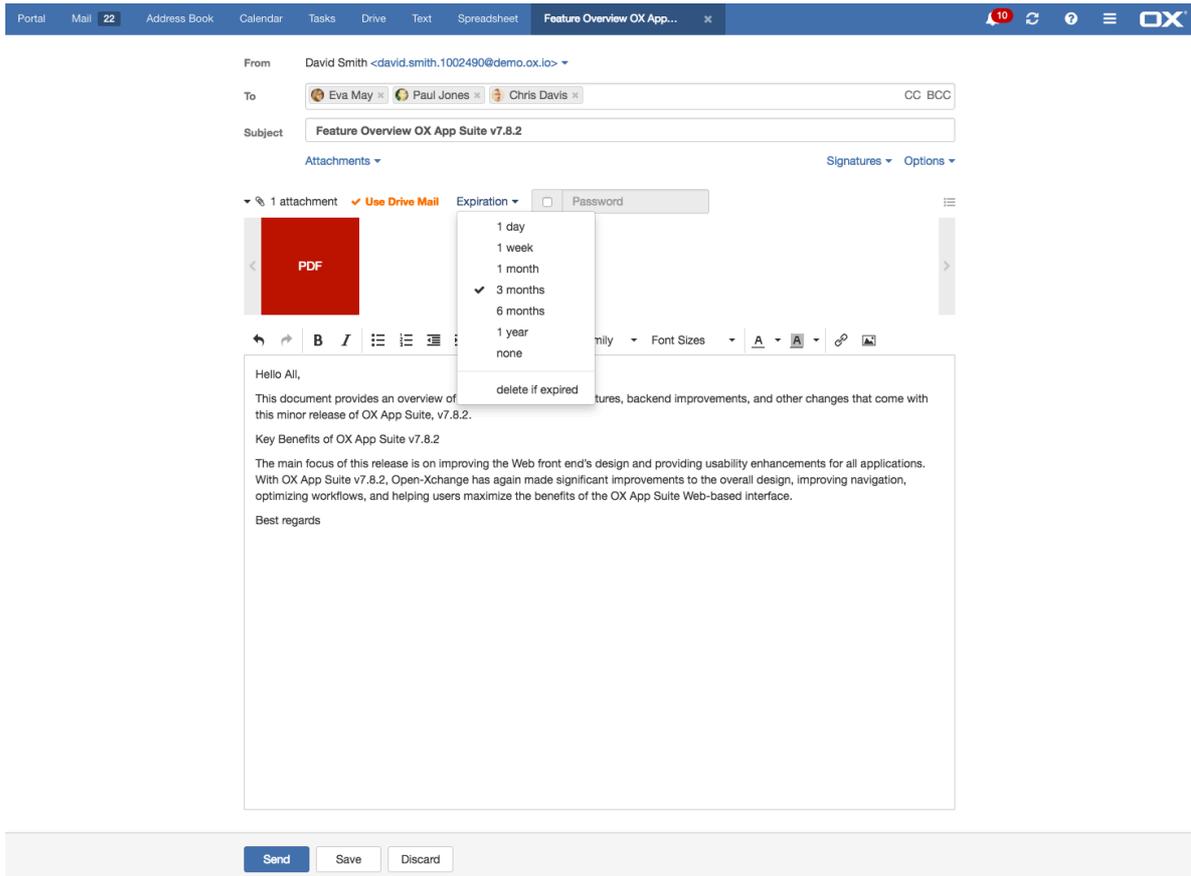
Please note: This new functionality applies techniques from an OX App Suite feature previously used to publish files, which has since been replaced with a new sharing function. It serves as a replacement to that earlier functionality.

### 3.2. The General Design Concept

OX App Suite uses the new way of handling large attachments automatically as soon as an attachment exceeds a predefined file size. That size is fully configurable by the OX App Suite administrator. By default, files of less than 25 MB are attached to the email and larger attachments will be handled via a link offering a download of the attached material.

In addition, users are able to activate the new feature manually when adding attachments to an email message. If the user chooses to handle attachments as a link and not as a traditional attachment, additional file options are available:

- An expiration date for use of the file via the link
- Password protection for accessing the file through the link



### 3.3. Access via Guest User Function

The large-attachment-handling feature uses OX App Suite's Sharing and Guest Mode functionality, which was introduced in OX App Suite v7.8.0. External non-OX-App-Suite users, or guest users, have access to shared content through a limited OX App Suite Web-based interface. External users receive a link to access the attached files. Thereby, guest users are able to view shared data through additional OX App Suite features, such as the photo gallery or audio and video player, and can also upload and edit documents. This gives external users the chance to play with parts of OX App Suite without the need for an account.

### 3.4. Visualization in OX Mail

To indicate email messages for which the new attachment functionality has been used, a special icon will be added to the corresponding messages in the "Sent objects" folder.

In addition, OX App Suite v7.8.2 provides a new progress bar and cancel button during sending of messages.

### 3.5. Requirements and Configuration Options

Further information can be found at the following location:

<https://documentation.open-xchange.com/7.8.2/middleware/components/drivemail.html>

## 4. The Mail Attachment Overview

### 4.1. General Overview

To make working with attachments easier, OX App Suite offers a new folder that shows all email attachments – files a user has attached to messages and files received with incoming email. OX App Suite identifies and presents all attachments in one place, regardless of the inbox folder that is used to store each message. This new feature is part of the OX Drive Web-based interface and is presented in the OX Drive folder tree. The attachments themselves remain part of the messages they belong to. Therefore these files will not count against the OX Drive storage quota.

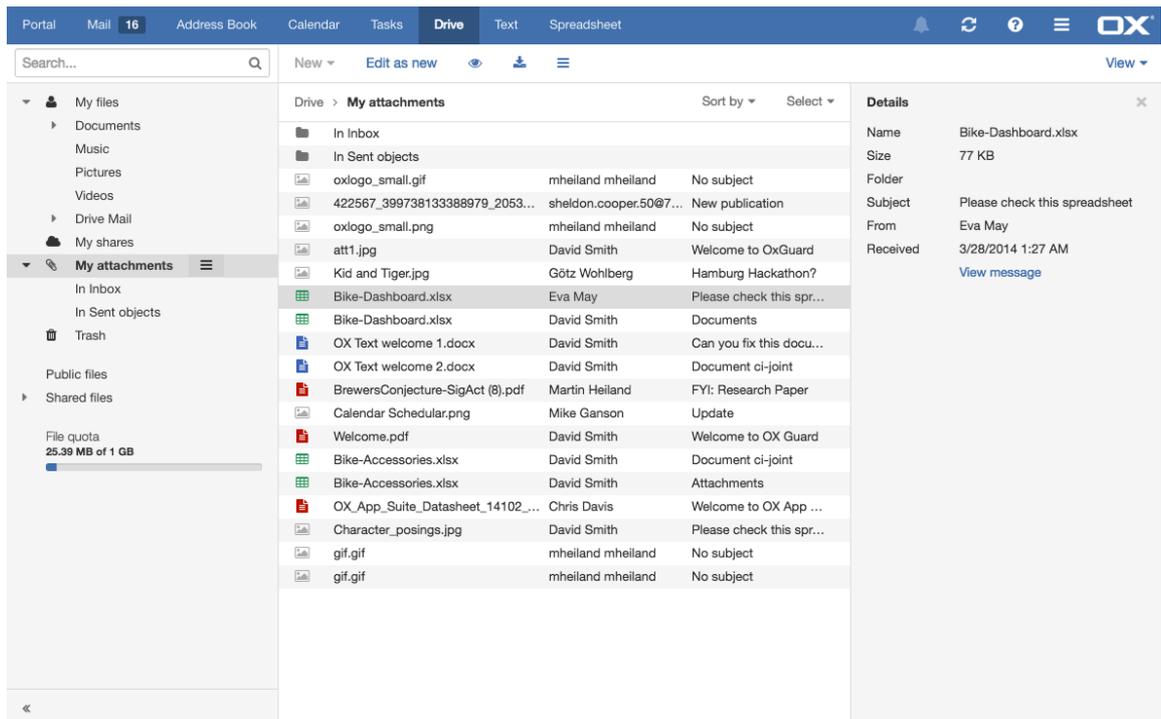
The attachments can be sorted by name, date, and size and filtered by document type. A thumbnail view of each attachment is shown in the list of files and, if OX App Suite supports the file type, it is possible to preview the file directly within the browser without any download being required. Users can also display the email associated with an attachment and perform further actions such as downloading or sharing the attachment by using OX Drive. If multiple files are selected, they can be downloaded or shared as packed files (\*.zip).

### 4.2. The General Design Concept

Within OX Mail, OX App Suite v7.8.2 provides two distinct options for accessing the mail attachment overview: Users can select “View all attachments” directly in the mail folder tree in order to open the special view in the OX Drive Web-based interface. Additionally, the attachment overview is available through the View menu.

By clicking on one of the options, the user jumps directly to a new OX Drive folder called “My attachments.” This folder is provided directly as a subfolder to “My files” and shows all email attachments received.

Within the new virtual OX Drive folder, it is possible also to search for a specific attachment. This additional usability enhancement provides a better and quicker way for users to access their email attachments.



### 4.3. Reopening Mail from the Attachment View

All email attachments will be shown in the new folder “My attachments.” For quick opening of the corresponding message, OX App Suite v7.8.2 offers an additional function in the details section for each attachment.

Clicking on “View message” will open the email in a new tab. This lets users easily check the context and details of the selected file.

Additionally, the detail view for a chosen attachment provides further file information, such as the attachment’s name and size; the inbox folder in which the corresponding email is located; and the email message’s receipt date, subject, and sender.

### 4.4. Requirements and Configuration Options

The attachment view is an exclusive Dovecot Pro feature and requires the "Dovecot Virtual Attachments Plugin", that will be available with Dovecot Pro 2.2.25.1. In addition, an according App Suite middleware plugin needs to be installed and configured, which will integrate the attachment view into the Drive module. See [https://documentation.open-xchange.com/7.8.2/middleware/components/virtual\\_mail\\_attachments.html](https://documentation.open-xchange.com/7.8.2/middleware/components/virtual_mail_attachments.html) for further details.

## 5. General Improvements and Design Changes

### 5.1. OX App Suite Accessibility Improvement

OX App Suite already introduces some Accessibility functionalities like WAI-ARIA meta tags. With OX App Suite v7.8.2, Open-Xchange provides a design change for the creation and edit dialog inside the different applications. The send or create button is at the end of the dialogs to support the Accessibility functionality inside the web frontend.

The screenshot displays the email composition window in OX App Suite. At the top, the header includes 'From: Now with name <david.smith.1002490@demo.ox.io>', 'To: eva.may.1002490@demo.ox.io, Davis, Chris', and 'Subject: Re: Cool New Product'. Below the header is a toolbar with icons for undo, redo, bold, italic, bulleted list, numbered list, link, and unlink, along with dropdown menus for 'Formats', 'Font Family', and 'Font Sizes'. The main text area contains the following content:

Hello Chris,

On January 7, 2013 at 5:00 PM "eva.may.1002490@demo.ox.io" <eva.may.1002490@demo.ox.io> wrote:

Hi Eva, hi David, hi Chris,

But I must explain to you how all this mistaken idea of denouncing pleasure and praising pain was born and I will give you a complete account of the system, and expound the actual teachings of the great explorer of the truth, the master-builder of human happiness.

No one rejects, dislikes, or avoids pleasure itself, because it is pleasure, but because those who do not know how to pursue pleasure rationally encounter consequences that are extremely painful.

Nor again is there anyone who loves or pursues or desires to obtain pain of itself, because it is pain, but because occasionally circumstances occur in which toil and pain can procure him some great pleasure. To take a trivial example, which of us ever undertakes laborious physical exercise, except to obtain some advantage from it?

But who has any right to find fault with a man who chooses to enjoy a pleasure that has no annoying consequences, or one who avoids a pain that produces no resultant pleasure? On the other hand, we denounce with righteous indignation and dislike men who are so beguiled and demoralized by the charms of pleasure of the moment, so blinded by desire, that they cannot foresee.

Best regards,  
Anna

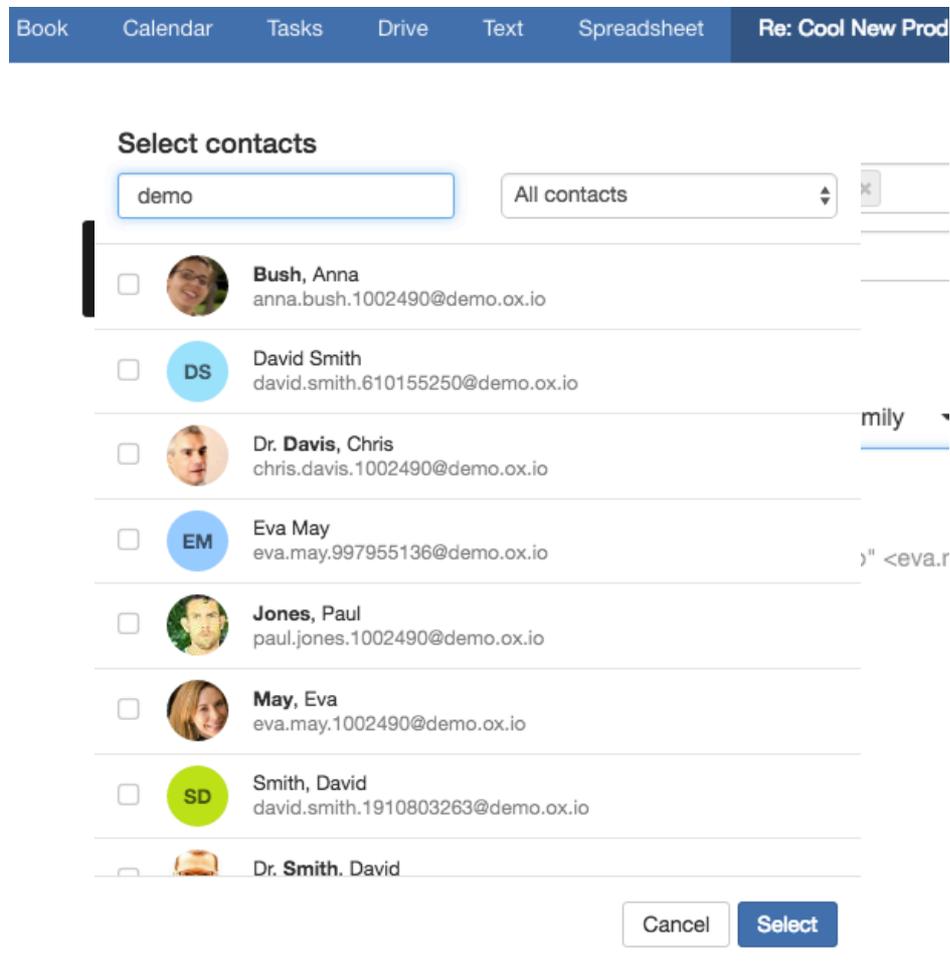
At the bottom of the composition area, there are three buttons: 'Send' (highlighted in blue), 'Save', and 'Discard'.

## 6. OX Mail Enhancements and Design Updates

### 6.1. Address Book Access via the Mail Composition Dialog

With OX App Suite v7.8.2, Open-Xchange introduces the possibility of using an address book pop-up when creating a new email message. With one click on “To,” “Cc,” or “BCC,” users can open a pop-up to choose recipients from among their address book contacts.

The pop-up provides all available contacts, whichever folder they are in. In addition, users can navigate to the necessary folders or search directly from within the pop-up. It is also possible to select more than one contact and add multiple recipients for an email message.



### 6.2. Creation of Mail Filter Rules with OX Mail

OX App Suite v7.8.2 comes with an enhanced filter-rule setting for received messages directly within the OX Mail Web front end. The already available “Move” dialog now offers additional functionality for activating a filter rule.

If a user selects “Create filter rule,” a default rule will be activated to move all future email from this specific sender to the selected folder automatically.

### Move

▶ Favorites 41

- ▶  Inbox 13
- ▶  Drafts 1
- ▶  Sent objects 19
- ▶  Spam
- ▶  Trash 2
- ▶  Archive 7

▶ OX Gold Demo-Gmail.com

---

All future messages from `eva.may.1002490@demo.ox.io` will be moved to the selected folder.

Create filter rule

After activation, users can specify a name and additional settings for that specific rule.

### Create new rule

---

Rule name

[Apply rule if all conditions are met](#) ▾

**Conditions**

Subject	Contains	<input style="width: 95%;" type="text" value="Cool New Product"/>	
	Contains	<input style="width: 95%;" type="text" value="eva.may.1002490@demo.ox.io"/>	

- Keep
- Discard
- Redirect to
- Move to folder
- Reject with reason
- Mark mail as
- Tag mail with
- Flag mail with

Add action.

[Add action](#)

Please note: This function moves email into another folder without leaving a copy in the general inbox. It is also possible to select more than one message and apply rules for multiple messages.

### 6.3. The Message Size Option

OX App Suite already offered an option of checking the size of an email message from within the “Sort” menu. This option is now available in the “View” menu. Users can enable “Show message size” in order to be provided with the size of the currently selected email.

Please note: When the conversation view is in use, the size shown is the sum of the file sizes for all the individual messages.

### 6.4. Notification for Shared Mail Folders

OX App Suite already offers an option of sharing mail folders. With OX App Suite v7.8.2, the user will receive an notification mail, if a folders is shared.

## 7. OX Contacts Enhancements and Design Updates

### 7.1. Use of a Global Address Book

The user can choose to launch a global address book by default instead of the private address books. This can be configured in the Address Book settings.

#### Address Book

##### Initial folder

---

Start in global address book

##### Display of names

---

- Language-specific default  
 First name Last name  
 Last name, First name

## 8. OX Drive and Sharing Enhancements and Design Updates

### 8.1. New Improvements

OX App Suite v7.8.0 introduced the possibility for OX App Suite users to share content with other external users. The external user, or guest user, can now be granted access to shared data in the same way regular groupware users can. This section describes the underlying principles and outlines the various ways sharing can be used. Additional documentation can be found at the following location:

[https://oxpedia.org/wiki/index.php?title=AppSuite:Sharing\\_and\\_Guest\\_Mode](https://oxpedia.org/wiki/index.php?title=AppSuite:Sharing_and_Guest_Mode)

With OX App Suite v7.8.2, Open-Xchange provides some further improvements to the behavior.

#### 8.1.1. The “Send Notification” Setting

From the permission dialog, users can indicate whether they would like to be notified about new access permissions. By default, this is enabled for private folders and disabled for public folders.

#### 8.1.2. Uploading of Files and New Versions

With OX App Suite v7.8.2, users do not have to decide whether they want to replace an existing OX Drive file with a new upload to add a new version. OX Drive now handles these cases automatically: OX Drive identifies filenames that match existing files.

#### 8.1.3. Default Sorting for Content in “My Shares”

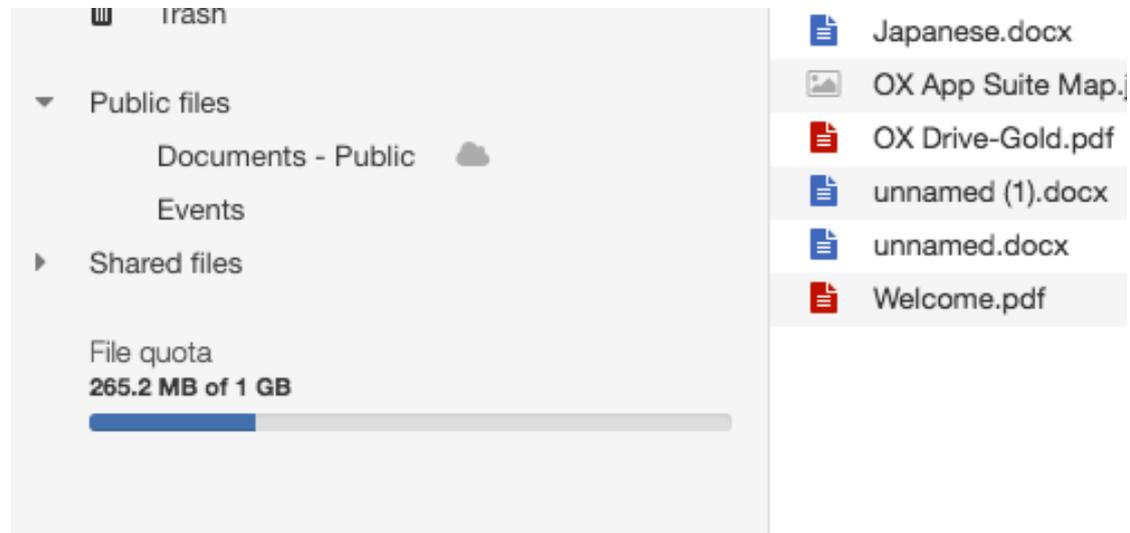
The default sorting within the “My Shares” folder currently is by “Name.” With the new version, this is changed and the default sorting is by date (descending). This means that the last shared file appears at the top of the list. Additionally, OX Drive remembers the user’s preferred “My Shares” settings.

#### 8.1.4. Notification for Deletion of Folders with Active Shares

From now on, users will receive assistance during the process of deleting a folder: OX Drive requests confirmation before deleting a file or folder that is currently shared with others.

## 8.2. OX Drive Quota Information

OX App Suite v7.8.2 provides a quota bar for OX Drive directly inside the web frontend.



## 9. OX Setting Enhancements and Design Updates

### 9.1. The Option of Forcing Encrypted External Mail Account Setup

Open-Xchange is introducing a new setting for external mail account setup. With the new version, it is possible for users to force encrypted transport.

This new option is available under **Settings > Accounts > Outgoing Server**. Users will find an additional option with the following possibilities:

- None
- StartTLS
- SSL/TLS

Please note: This new behavior will be set to be the default. If no secure connection can be identified in the new-account wizard, the extended view appears and is the only way to allow unencrypted connections.

### 9.2. Default Bcc Mail Address

Within the mail settings, users now have the opportunity to specify an email address that is always to be added to the Bcc field in composition of new email. This means that a copy of the mail will be sent to another destination (e.g., a

different mail server). With this functionality, users can, for example, create a manual backup of all sent email.

## **10. Administration, Technical Extensions, Plug-ins, etc.**

### **10.1. OX App Suite Metrics – Google Analytics®**

OX App Suite v. 7.8.0 extended the UI stack with a new framework that gives customers access to usage and click data from the OX App Suite user interface and its components.

With the new version, Open-Xchange provides the possibility of using Google Analytics to analyze the tracked data “out of the box” – in addition to the already supported solution “PIWIK.”

Additional information on metrics with OX App Suite can be found at the following location:

<http://oxpedia.org/wiki/index.php?title=AppSuite:Metrics>

### **10.2. Improved KPI Reporting**

With OX App Suite v. 7.8.2, the existing KPI reporting is improved. The reporting now offers additional information such as file sizes, the number of files, external accounts (such as DropBox accounts), quota usage in percentages, and file types.

The new function for OX App Suite administrators generates a report via the CLT.