



OX Guard
Release Notes for Release 2.2.0

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1 Shipped Product and Version

Open-Xchange AppSuite Guard 2.2.0-rev6

Find more information about product versions and releases at http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering

2 General information

OX App Suite v7.8.0 brings with it a new OX Mail web frontend. This includes changes to the mail compose dialog and general behavior within the app. Due to new design changes implemented in OX App Suite v7.8.0, OX Guard has now been brought inline with this new compose window. This means the repositioning of the Lock icon and the addition of a new dropdown link called "Security".

In addition to these changes OX Guard v2.2.0 comes complete with a guided tour that can be triggered from within the OX Mail and OX Drive apps. It is also available from the user settings within OX Guard.

A more detailed overview of OX Guard v2.2.0 can be found here: http://software.open-xchange.com/products/guard/doc/OX_Guard_Product_Guide_2.2.0.pdf

3 Vulnerabilities fixed with this Release

This section provides a summary of security related bugfixes that have been applied subsequently to shipping Release 2.0.0. Solutions for vulnerabilities have been provided for the existing code-base via Patch Releases.

41466 CVE-2015-7385
CVSSv2: 5.7

40003 CVE-2015-5703
CVSSv2: 7.9

4 Bugs fixed with this Release

This section provides a summary of bugfixes and changes that have been applied subsequently to shipping Release 2.0.0. Some of the announced bugfixes may have already been fixed at the existing code-base via Patch Releases.

39463 Uploading custom key only possible if original key isn't deleted

Importing personal key after deleting new created key led to an error. Guard copied data from existing keys. Now Guard fetches required data from OX middleware to avoid this.

40847 User guide cannot be launched from App Suite

The link to the OX Guard user guide has been hidden inside App Suite Help. This has been fixed by adding help links to compose and security settings within App Suite UI.

40967 Private key could get overwritten

In a scenario where a user has multiple private keys and inadvertently created an additional key by replying to a mail sent to an alias address, it was possible that the primary private key got overwritten by a key for the alias address. This potential issue has been solved and a couple of failsafes have been added for hardening. Versioning for multiple keys has been re-worked to make sure each key has a unique and incremental version. In addition, only one key can now be marked as "current" and updates to the key list have been enhanced by a double-check to make sure the updated Key-ID is the correct one.

41149 Some public keys can not get imported to Guard

Keys with a comma “,” in the name was failing because the Java InetAddress parser was considering this a comma separated list of addresses, as the PGP Keys dont have quotes around the name. We’re now properly handling parsing of Email address with “,” included.

41156 Initial mail with password did not get sent out after saving the mail as draft

After saving an email as draft and editing the email before sending only this email was sent to the non-Guard User. The email including the password wasnt sent. Fix saving draft email with new Guest account creating new account without sending password.

41303 Data truncation: Data too long for column “email” at row 1

The length of the database column “email” was 50 and too short for some mailboxes. We’ve introduced uniformity of possible email length across tables to Varchar(250).

41548 Whitelist configuration fails to load

Due to a syntax error at the default `guard.properties` parameters regarding whitelist settings were not loaded correctly. This has been solved by adjusting the configuration files meta-syntax.

41556 Duplicate key error

When sending to more than one Guest recipient, Guard logs an error in the log reporting a “duplicate key” error. Guard is trying to save the Guest mail into a cache, which already contains a Guest recipient. So, after the first, it is a duplicate but only one copy is required. The fix is to not log the duplicate warning, there is no change in functionality.

5 Changes relevant for Administrators

5.1 Changes of Behaviour

Change #2725 Ability to disable required encryption on reply

The default will be for Guard to require encryption for any replies that were originally sent encrypted. A configuration cascade value has been created that will override this behavior. If `com.openexchange.guard.secureReply` is set to false, the person replying can remove the encryption.

5.2 Changes of Packaging

Change #2654 Moved and renamed `open-xchange-guard-backend` package

The package `open-xchange-guard-backend` was initially released for customers with maintenance at the backend repositories. From there it could not be installed by community members making these members the access to the Guard 2.0.0 release impossible. Therefore we moved the package from the backend repository to the guard repository. Furthermore we had to rename it. Otherwise a version downgrade from 7.6.2 to 2.0.0 would not have been possible or at least the standard upgrade path of customers would break. The package is now named `open-xchange-guard-backend-plugin`. The backend repository still contains an empty `open-xchange-guard-backend` package for Debian distributions to ensure a proper upgrade path.

6 Tests

Not all defects that got resolved could be reproduced within the OX QA lab. Therefore, we advise guided and close monitoring of the reported defect when deploying to a staging or production environment. Defects which have not been fully verified, are marked as such.

To avoid side effects, the shipped packages have gone through automated regression test on both, a Continuous Integration System and a dedicated server setup for system and integration testing.

All changes have been checked for potential side-effects and effect on behavior. Unless explicitly stated within this document, we do not expect any side-effects.

7 Fixed Bugs

39463, 40847, 40967, 41149, 41156, 41303, 41548, 41556,