Open-Xchange Guard

Minor Release v2.10.4

Feature Overview

1   OX Guard v2.10.4

1.1   Intention of this Document

This document provides an overview of the improvements and other changes that come with this minor release of OX Guard, v2.10.4.

The purpose of this document is to inform Open-Xchange customers and partners about the major changes that have been made in this release.

1.2   Key Benefits of OX Guard v2.10.4

Open-Xchange is pleased to announce the release of OX Guard v2.10.4.

Keeping in line with Open-Xchange's end-user strategy OX Guard v2.10.4 contains enhancements designed specifically for end-users and end-user usability.

Major enhancements in OX Guard v2.10.4 include:

- **New Mailfilter Rules for PGP Emails**
  In combination with the new OX App Suite v7.10.4, users are now able to create rules to encrypt certain incoming emails automatically. Additionally, it is possible to create rules based upon PGP signatures as emails arrive.

- **Improved Handling of Decrypted Messages**
  With a newly introduced user option, decrypted messages can be automatically re-encrypted when another email is selected, or if the user moves to another application such as calendar or contacts.

- **Improved Elliptical Curve Support**
  Elliptical curve support for PGP encryption and signatures are greatly enhanced in this release.

- **Some Adaptions to Support OX App Suite v7.10.4**
  With this new release Open-Xchange has made some small changes to integrate OX Guard even more closely with OX App Suite.

2   Improvements

2.1   New Mailfilter Rules for PGP emails

In combination with the new OX App Suite v7.10.4, this release allows rules to encrypt certain incoming emails automatically, or rules to act on emails based on existing PGP signatures.

If this functionality is activated, the users sees "If email signed and verified" and "Encrypt Incoming" in the mailifter dialogs of OX App Suite.

Please note for Administrators: Dovecot sieve extension ExtPrograms must be enabled. Additionally, the OX Guard mailfilter functionality must be enabled on the OX App Suite middleware. Recommend adding the configuration to guard-api.properties on the middleware servers:

com.openexchange.mail.filter.guard.sieveEnabled=true

The script names may be configured differently, but default to the following:

com.openexchange.mail.filter.guard.guardEncryptScript=guard.sh
com.openexchange.mail.filter.guard..guardSignatureScript=guard-sig.sh

See https://oxpedia.org/wiki/index.php?title=AppSuite:OX_Guard_MailFilter for details.

2.2   Improved Decrypted Handling After Finished Reading

With a newly introduced option, decrypted messages will be automatically re-encrypted if the user changes the module inside the OX App Suite web frontend or moves to another email.

Inside the settings of the OX App Suite web frontend, the user sees a new radio button to wipe the cache once finished. Wipe will happen when the user changes emails or moves to another app.

2.3 Enhanced Elliptical Curve support

Support for Elliptical Curves is greatly enhanced in Guard 2.10.4. EdDSA signatures and ECDH encryption are now fully supported.

2.4 Some Adaptions to Support OX App Suite v7.10.4

With this new release Open-Xchange has made some small changes to integrate OX Guard even more closely with OX App Suite.