



**OX Guard**  
**Release Notes for Release 2.10.6**  
2021-12-09

## Copyright notice

---

©2021 by OX Software GmbH. All rights reserved. Open-Xchange and the Open-Xchange logo are trademarks or registered trademarks of OX Software GmbH. All other company and/or product names may be trademarks or registered trademarks of their owners. Information contained in this document is subject to change without notice.

# 1 General Information

## OX Guard v2.10.6 for OX App Suite v7.10.6

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

### What's New in General and Feature Overviews

- Open-Xchange now provides more detailed overviews and Feature Overview documents relating to new product releases. These can be found at <https://www.open-xchange.com/resources/ox-product-updates/whats-new/>

### General Information – Please Note

- Open-Xchange encourages administrators to regularly update to the latest available release. To ensure a stable and up to date environment please note the different versions supported. An overview of the latest supported Major, Minor and Public Patch Releases can be found in the OXpedia at: [https://oxpedia.org/wiki/index.php?title=AppSuite:Version\\_Support\\_Commitment](https://oxpedia.org/wiki/index.php?title=AppSuite:Version_Support_Commitment)

## 2 Shipped Product and Version

Open-Xchange Guard 2.10.6-rev2

Find more information about product versions and releases at [http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning\\_and\\_Numbering](http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering) and <http://documentation.open-xchange.com/>.

## 3 Bugs fixed with this Release

This section provides a summary of bug fixes and changes that have been applied subsequently to shipping Release 2.10.5. Some of the announced bug fixes may have already been fixed at the existing code-base via Patch Releases.

### **GUARD-267 Quotation mark in guard password leads to "Bad password" error when trying to download the keys**

Password was not properly encoded before being added to the form submitted for downloading private keys.

This has been fixed by encoding password properly.

### **GUARD-268 Parameter MAX\_UPLOAD\_SIZE in infostore.properties is ignored when trying to encrypt large files**

MAX\_UPLOAD\_SIZE from infostore.properties was ignored when encrypting files and just the value from server.properties was checked.

This has been solved by using MAX\_UPLOAD\_SIZE from infostore.properties before falling back to the value from server.properties.

### **GUARD-286 Error sending encrypted mail: GRD-OX-API-0003**

Sending to alias email of the senders account causes error. Guard doesn't realize alias and creates Guest account, but MW won't allow creating a share link of alias.

This has been fixed by searching for aliases of sender.

### **Guard-293 Guest who were shared a folder can upload a file. Encrypting the file causes error**

Encrypt/Decrypt options were displayed to Guest users.

This has been solved by no longer displaying encrypt/decrypt options to Guest users.

## 4 Changes relevant for Operators

### 4.1 Changes of Configuration Files

#### **Change #SCR-839 Add masterKeyIndex and masterKeyPath configurations to Guard**

To support multiple master keys, additional configuration options added.

```
com.openexchange.guard.masterKeyIndex (Default 0)  
and
```

```
com.openexchange.guard.masterKeyPath (Default /opt/open-xchange/guard)
```

### 4.2 Changes of Database Schema

#### **Change #SCR-838 To support multiple master keys an additional column mKeyIndex is required in the og\_KeyTables**

Additional column

```
mKeyIndex, int default 0
```

added to og\_KeyTable in user databases, as well as in guard guest database tables.

### 4.3 Changes of Commandline Tools

#### Change #SCR-836 Add clt command for creating new master keys

Guard will now support multiple master keys. The master keys are used to encrypt password recovery and other database entries.

Added Guard clt function to create new master keys.

```
/opt/open-xchange/sbin/guard -M  
or  
/opt/open-xchange/sbin/guard --masterKey
```

Will create new master keys in the database, as well as new oxguardpass files. It will return the newly created key index.

## 5 Tests

Not all defects that got resolved could be reproduced within the 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 set-up 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.

## 6 Fixed Bugs

GUARD-267, GUARD-268, GUARD-286, Guard-293,