

Cryptomator - free version - for use in small groups

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Schlüsselwörter

Boxcryptor Cryptomator Datensicherheit Verschlüsselung

Lösung (öffentlich)

Cryptomator is a software for file encryption and is recommended by TU Dresden as a successor to Boxcryptor. A password-protected safe is created by the software and folders are assigned, as described in the FAQ article [1]Setting up Cryptomator.

It is not possible to assign different authorizations for a single safe. Each file that is stored in the safe is encrypted by the program and stored individually within a folder. The folder is created locally and can then be moved, alongside the files stored in it, to a shared storage device, e.g. Datashare or group drive, and can subsequently be used by several people. In order to provide shared access to a safe, it is necessary to share the password for the safe with the respective users.

A few rules to be observed:

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Each file in the safe can only be edited using one program at a time.

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All users who have access to a safe will have to be entrusted with the password for the safe.

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Please only share passwords via secure communication channels, e.g. encrypted e-mails.

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If a file has been opened by two programs simultaneously, changes may be lost as the last save overwrites any changes made by the other program.

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The safe folder must be shared in its entirety with the other users. All users need editing rights.

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In addition to the encrypted files, each safe folder contains meta information in other files. These files are important. You must therefore always share/pass on the entire safe, not just individual folders.

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Two users should keep a copy of the recovery key that is generated when the safe is created.

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If there are personnel changes within the team, it is strongly recommended that the safe password also be changed.

[1] <https://tickets.tu-dresden.de/otrs/customer.pl?Action=CustomerFAQZoom;ItemID=1262>