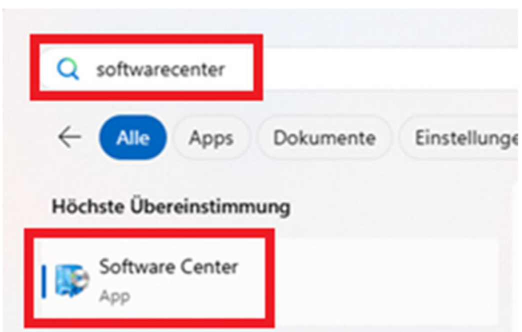
KeePassXC – Setting up an MFA token in IdM

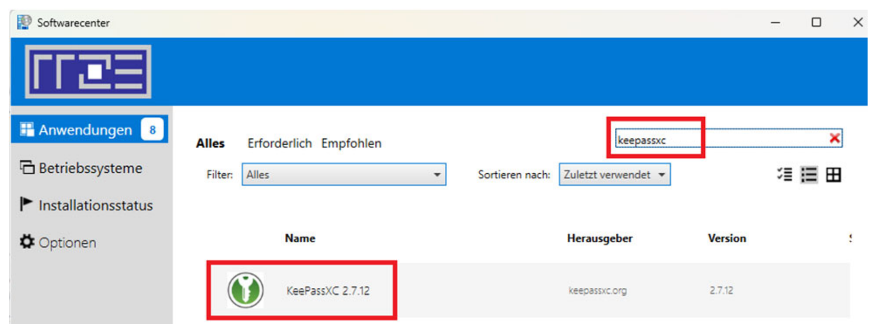
MFA in Windows / macOS / Linux

Note: If you are already using KeepassXC to manage your passwords, you can skip the steps for setting up KeepassXC and go straight to slide 5.

Install the KeepassXC software:

- You can download KeepassXC for Windows, macOS and Linux free of charge: https://keepassxc.org/download/
- On a Windows device managed by RRZE, you will find KeepassXC in the Software Center and can download it without admin rights:





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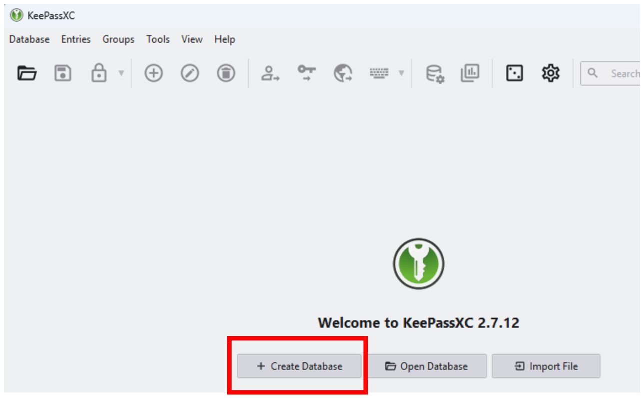
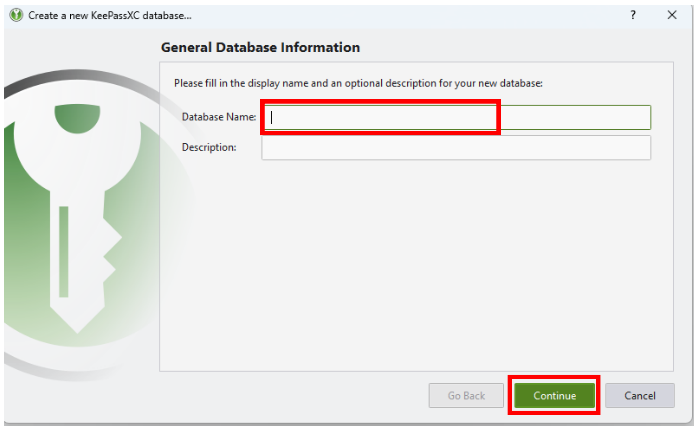


Click on “Create database” if you are not yet using KeepassXC. If you are using it already, open your existing KeepassXC database by clicking on “Open database”.



Give the new database a name (e.g. “FAU MFA”) and click on “Continue”.

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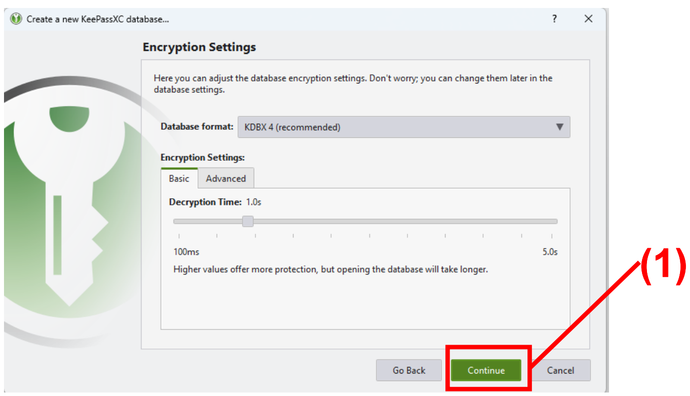
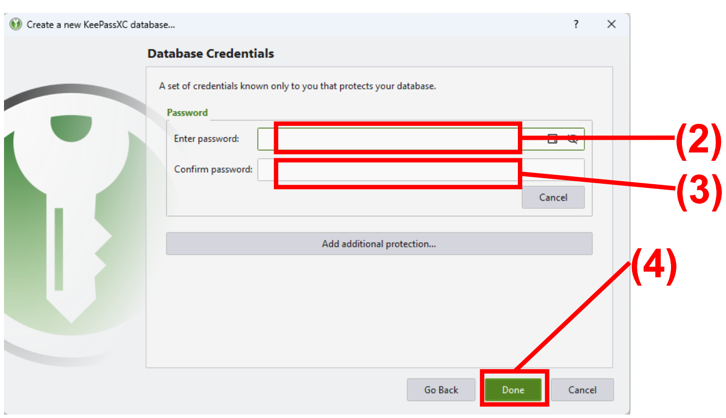


You do not need to enter anything under encryption settings and can simply click on “Continue” (1) .



Think of a password that is either highly complicated or consists of several words. Enter the password in the boxes (2) and (3) and click “Done” (4).
You will always require this password when using KeepassXC in future. Please make sure you memorize it well.

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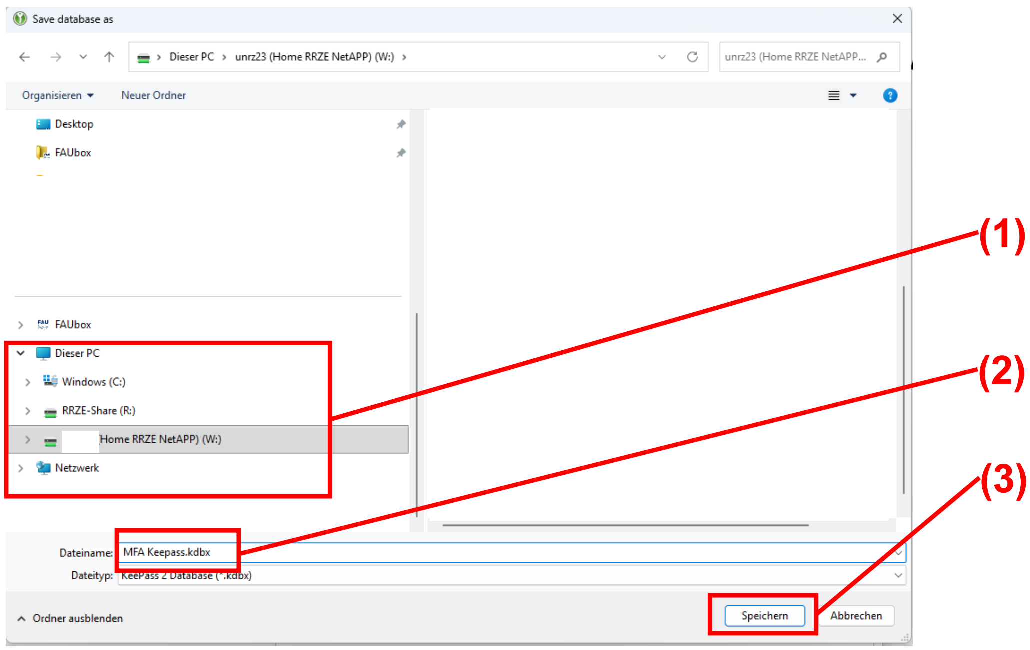
Choose a suitable location for saving your Keepass file (1).

Give a suitable name (e.g. “FAU MFA.kdbx”) (2) and click on “save” (3).

After saving, KeepassXC will open. You can leave the program open. We will need it in the next step.



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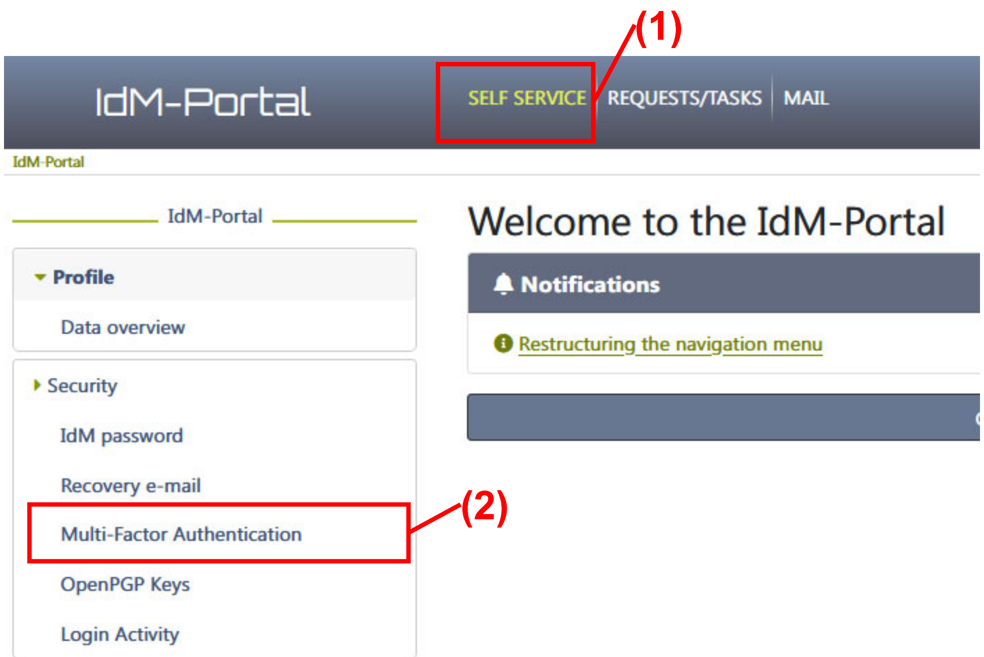
MFA in Windows / macOS / Linux

Log in to the IdM portal (https://www.idm.fau.de/) in order to set up the software token.



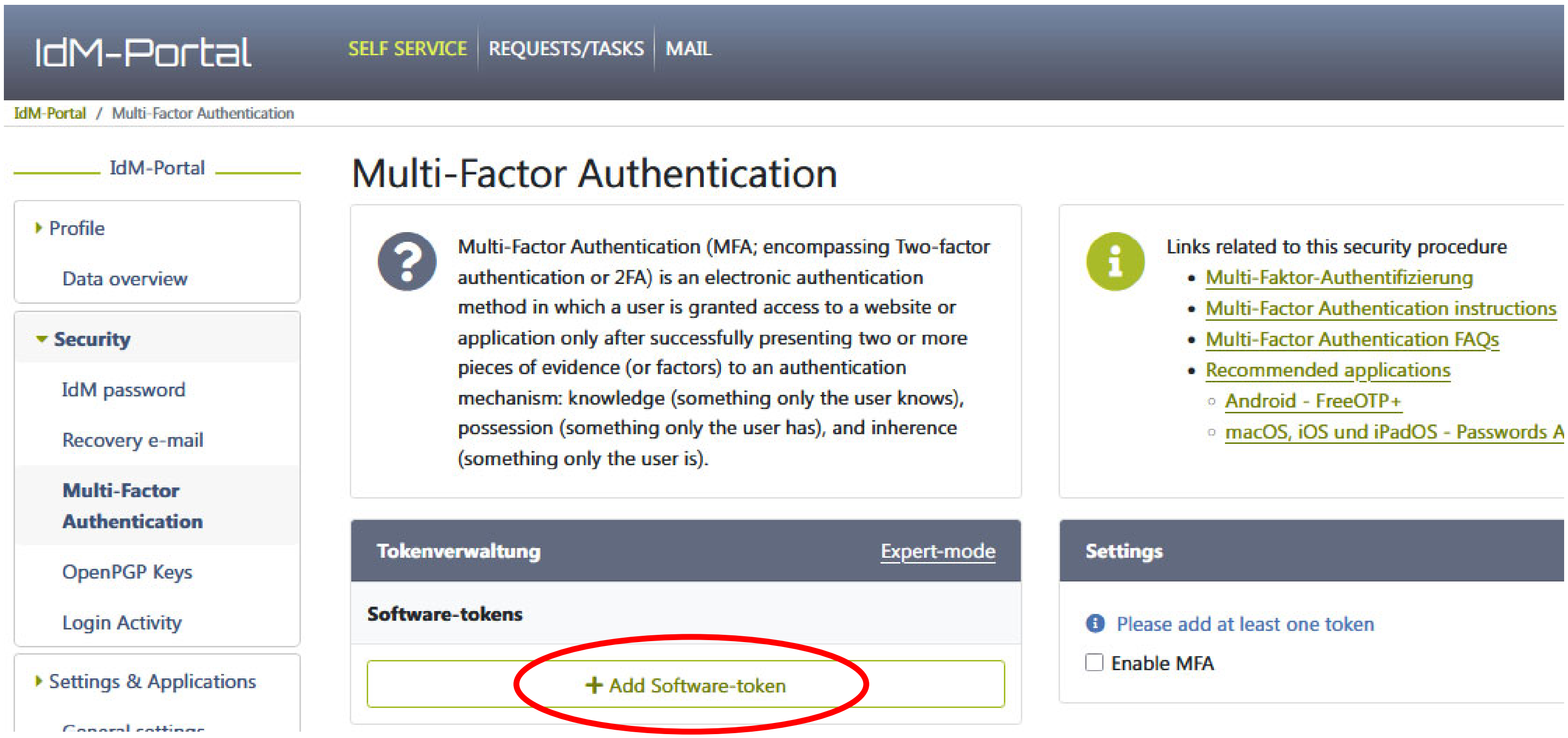
Click on Self Service (1)

followed by Multi-Factor Authentication (2).

KeePassXC – Setting up an MFA token in IdM

MFA in Windows / macOS / Linux

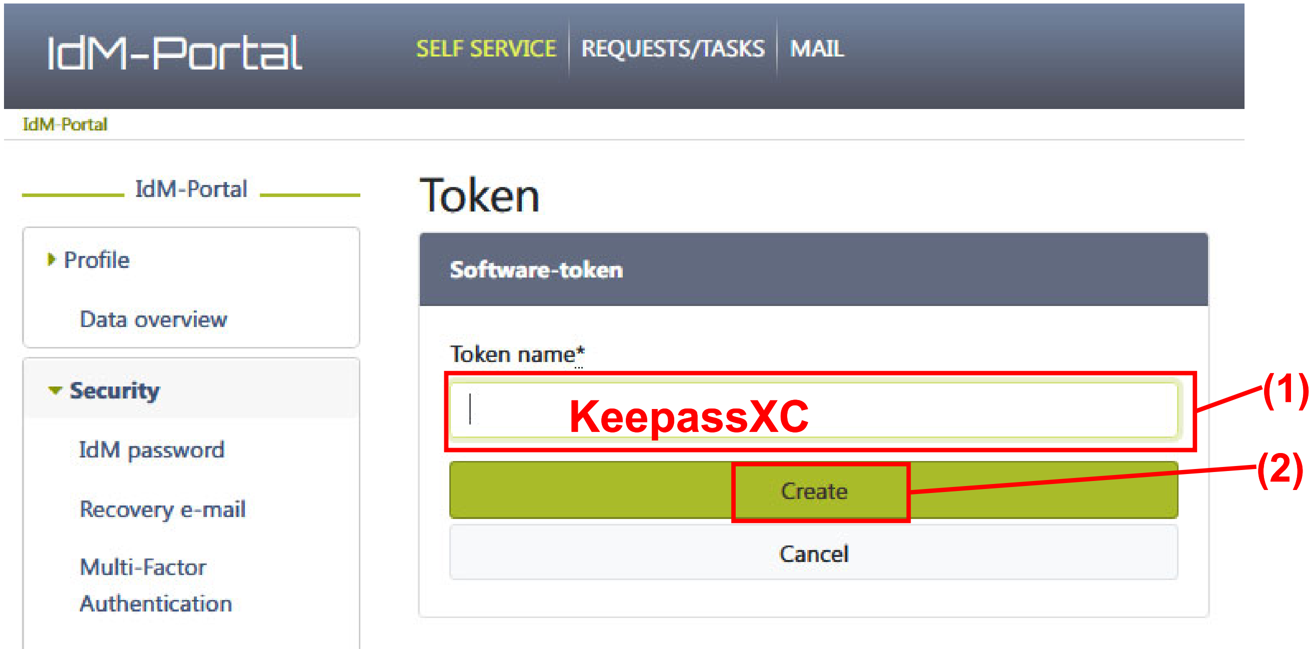
Click on “Add software token”:



KeePassXC – Setting up an MFA token in IdM

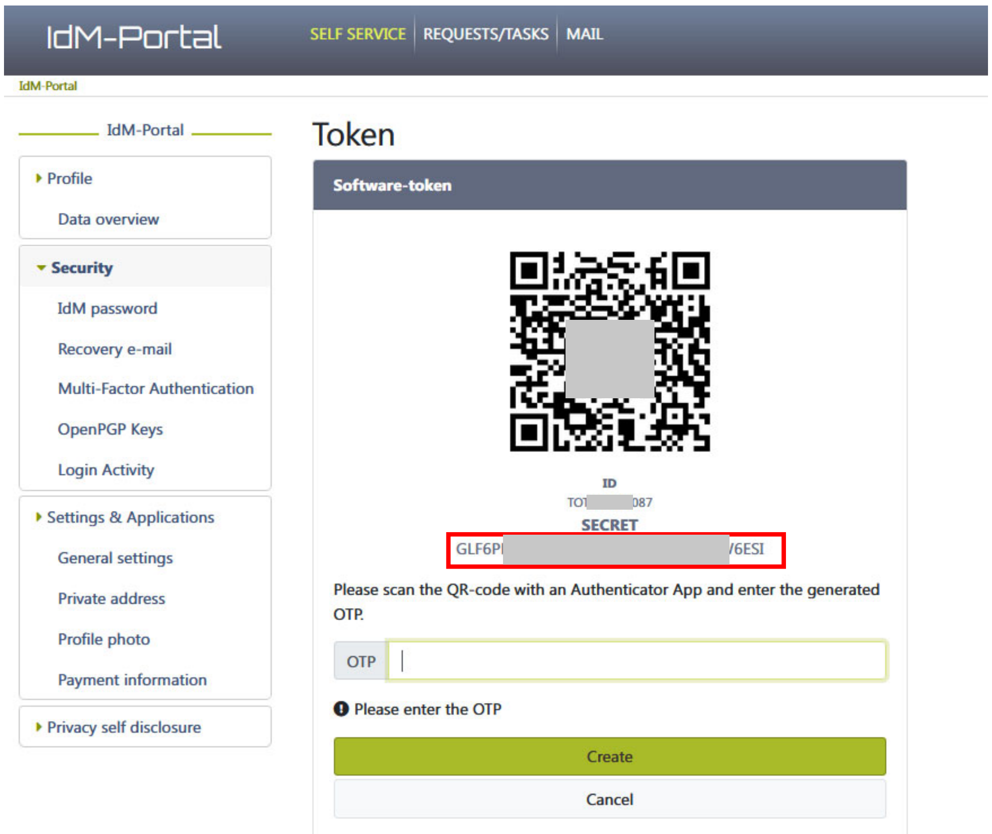
MFA in Windows / macOS / Linux

Give the token a name (e.g. “KeepassXC”) (1) to ensure that you can identify the token easily later on, then click on “create” (2).



KeePassXC – Setting up an MFA token in IdM

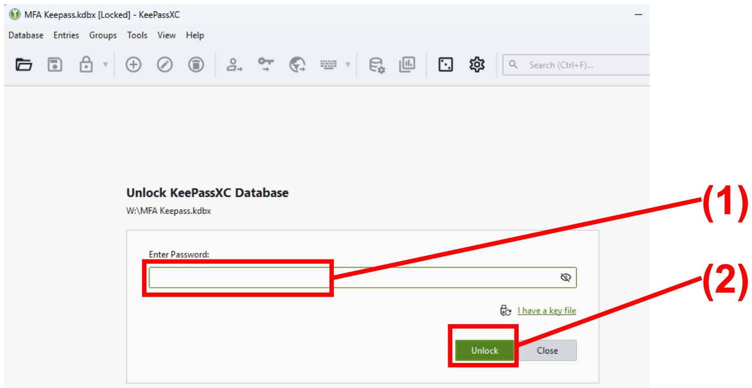
MFA in Windows / macOS / Linux

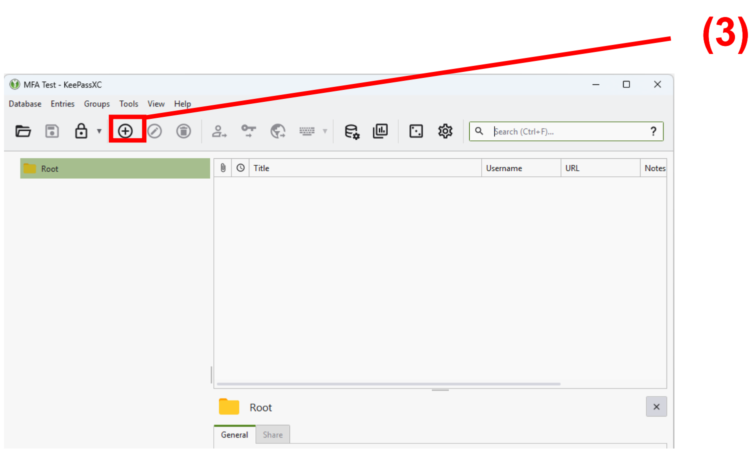


- In the next step, you are shown “SECRET”.
- Copy the “SECRET” code to your clipboard.

KeePassXC – Setting up an MFA token in IdM

MFA in Windows / macOS / Linux

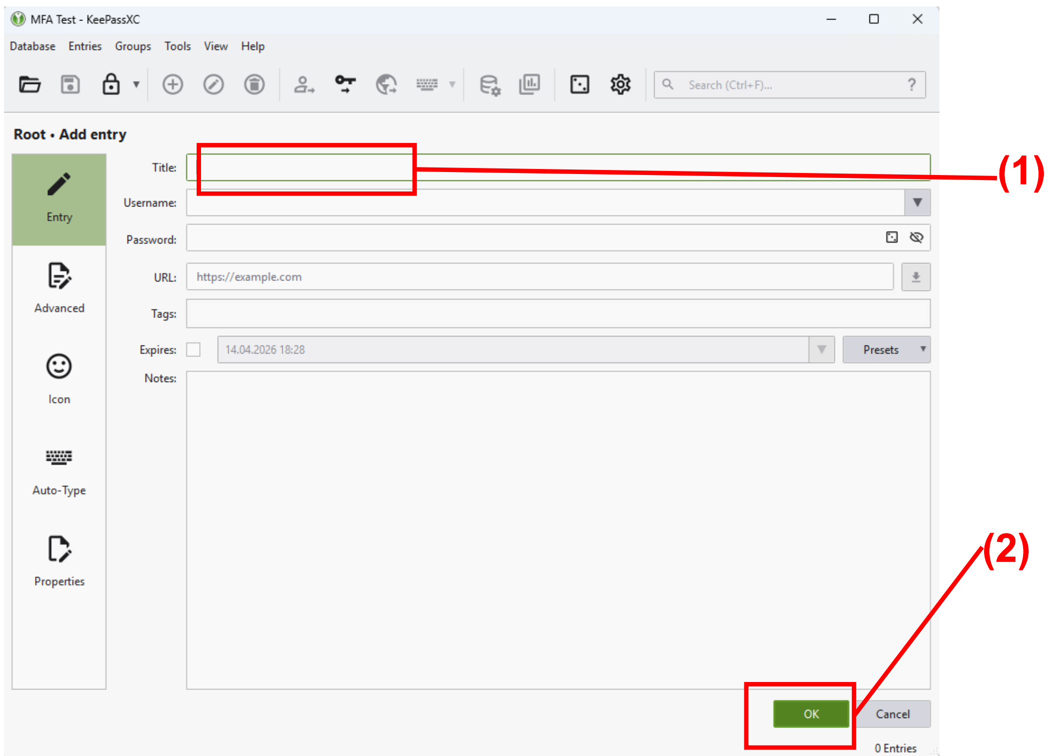




- Open KeepassXC, enter your password (1) and click on “Unlock” (2).
- Next, click on the “+” icon (3) to create a new entry in the database.

KeePassXC – Setting up an MFA token in IdM

MFA in Windows / macOS / Linux

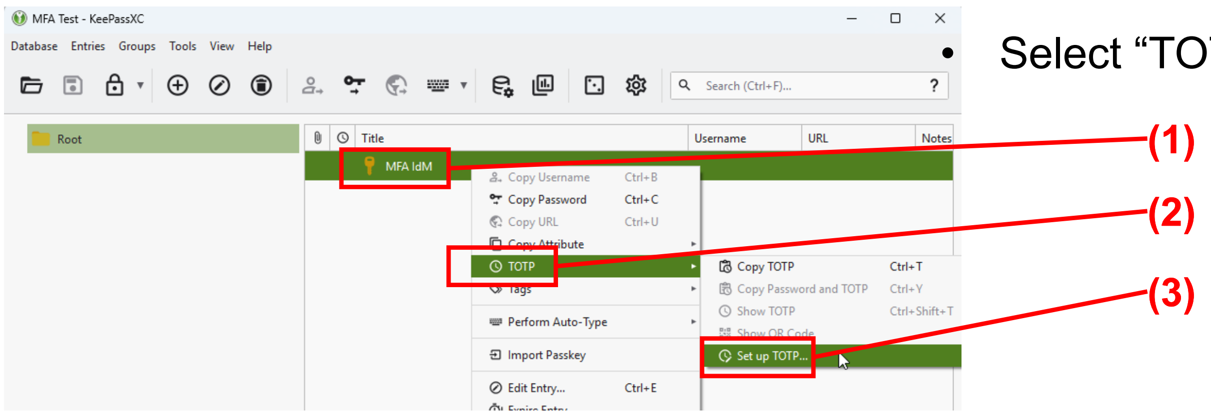


Give the entry a title (e.g. “MFA IDM”) (1) and click on “OK” (2).

KeePassXC – Setting up an MFA token in IdM

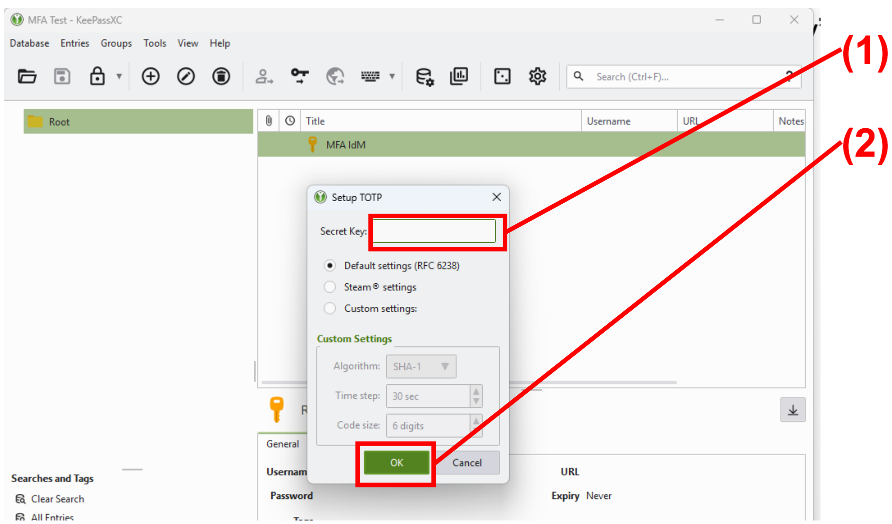
MFA in Windows / macOS / Linux

- Right click on your newly created entry (1).
- Select “TOTP” (2) and “Set up TOTP” (3).



KeePassXC – Setting up an MFA token in IdM

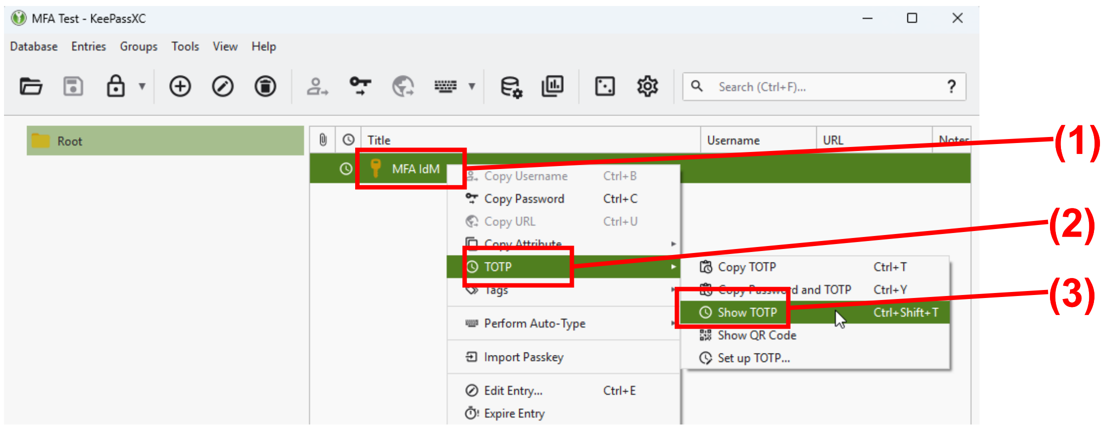
MFA in Windows / macOS / Linux



- Copy the “SECRET” code from the IdM portal into the box “Secret key” (1).
- Confirm with “OK” (2).

KeePassXC – Setting up an MFA token in IdM

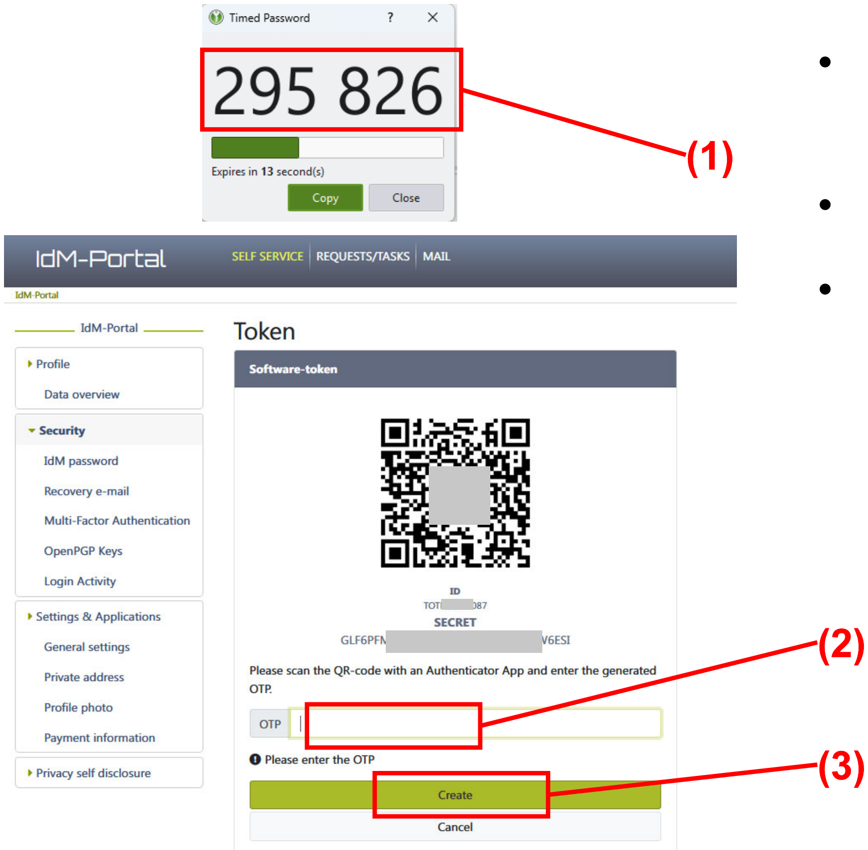
MFA in Windows / macOS / Linux



- Right click on your entry (1).
- Select “TOTP” (2) and “Show TOTP” (3).
- Alternatively, you can use the key combination CTRL+shift+T

KeePassXC – Setting up an MFA token in IdM

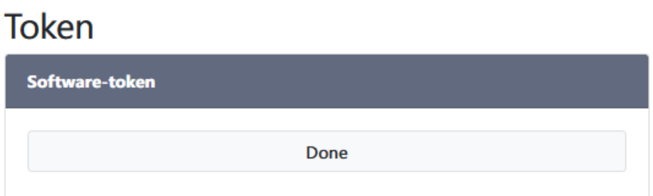
MFA in Windows / macOS / Linux



- You can now see the OTP, that changes automatically every 30 seconds (1).
- Enter this OTP in the IdM portal in the box “OTP” (2).
- Click on “Create” (3) to complete the process.

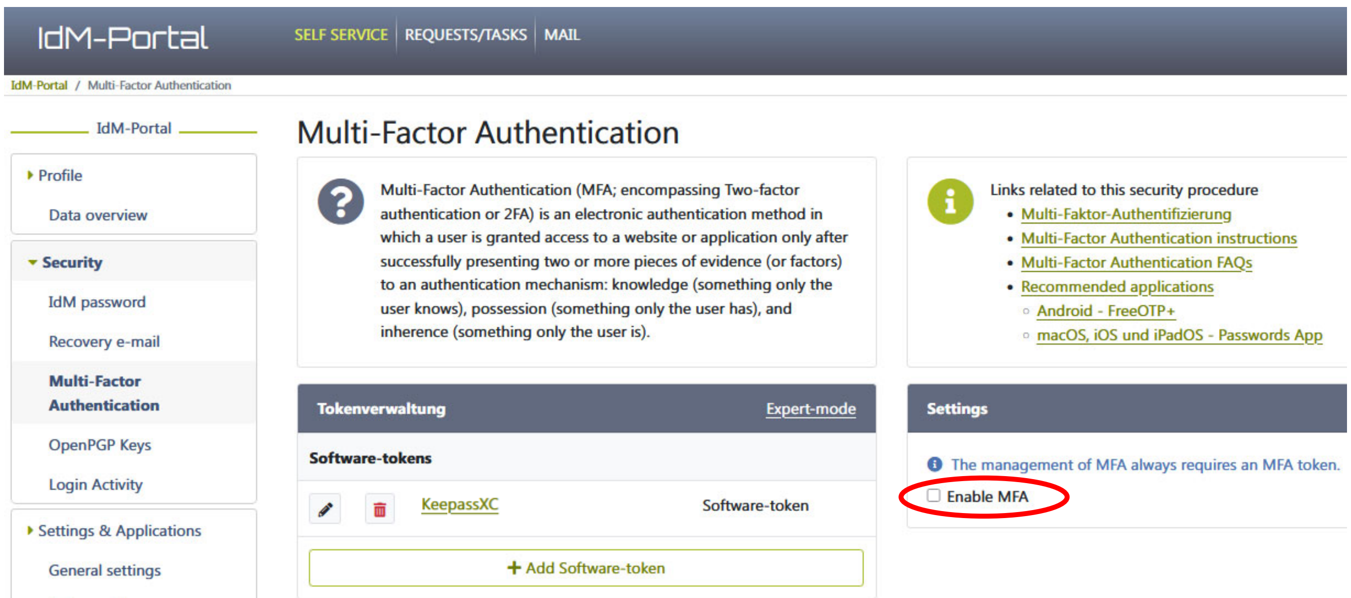
KeePassXC – Setting up an MFA token in IdM

MFA in Windows / macOS / Linux



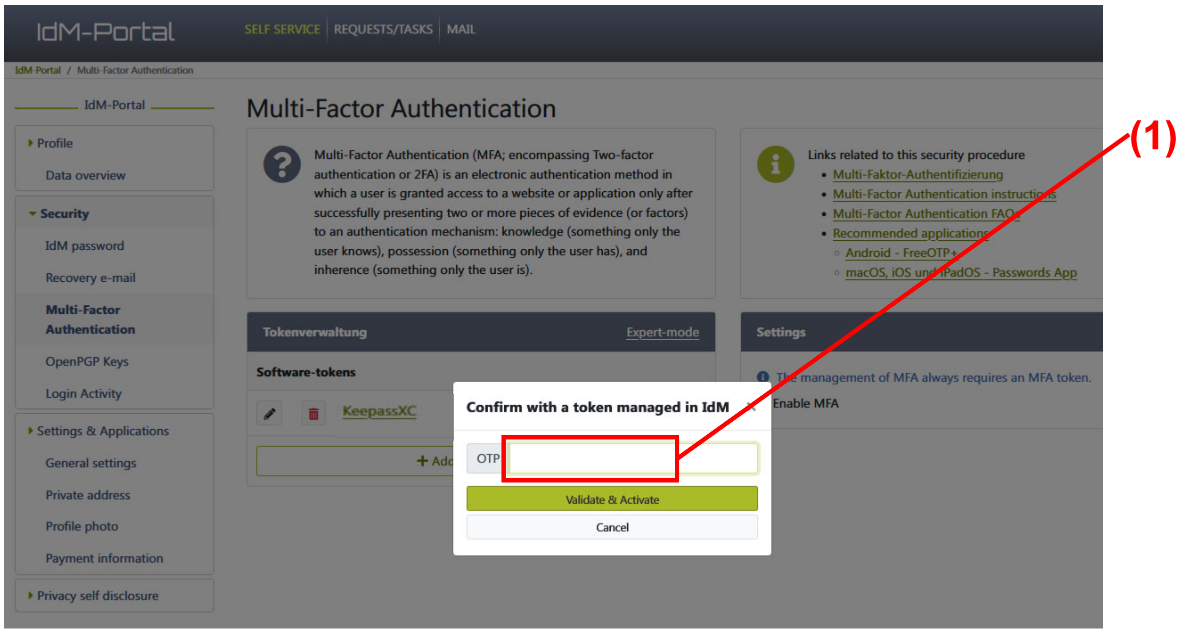
Once you see the message “done”, your MFA token has successfully been entered in KeepassXC.

If you have not yet activated MFA, please check the box “Enable MFA”.



KeePassXC – Setting up an MFA token in IdM

MFA in Windows / macOS / Linux



For the OTP, enter the code shown in Keepass (1) and click on “validate and activate".

MFA is then activated for your account.

In order to ensure that you can remain able to work even if you do not have your Keepass file to hand, please create a second software token that is not connected to your KeepassXC database. Instructions are available at:

https://www.anleitungen.rrze.fau.de/serverdienste/multifaktor-authentifizierung/