TOTP Authentication

A **TOTP** (Time-based one-time password) is a password that is generated by a TOTP Generator, to be used one time only as part of a 2 step login.

Many Accounts propose (or require) 2-factor authentication :

- The first step is Account's username and password.
- The second step is a TOTP that is generated by a TOTP Generator from the Account's Authentication Key.

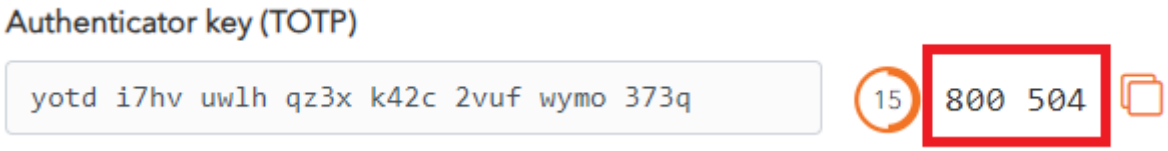
WALLIX can be used to **store** the **Authentication Key** for a **Login** and **use it** to **generate a TOTP** using **SHA-1** that is **valid** for **30 seconds**.

This is possible in the **WALLIX Web Vault,** the **WALLX Web Extension** and the **WALLIX Authenticator Mobile App**.

WALLIX Web Vault

From the **Item Screen** of a **Login Item**, **add** the **Authentication key** for that Login.

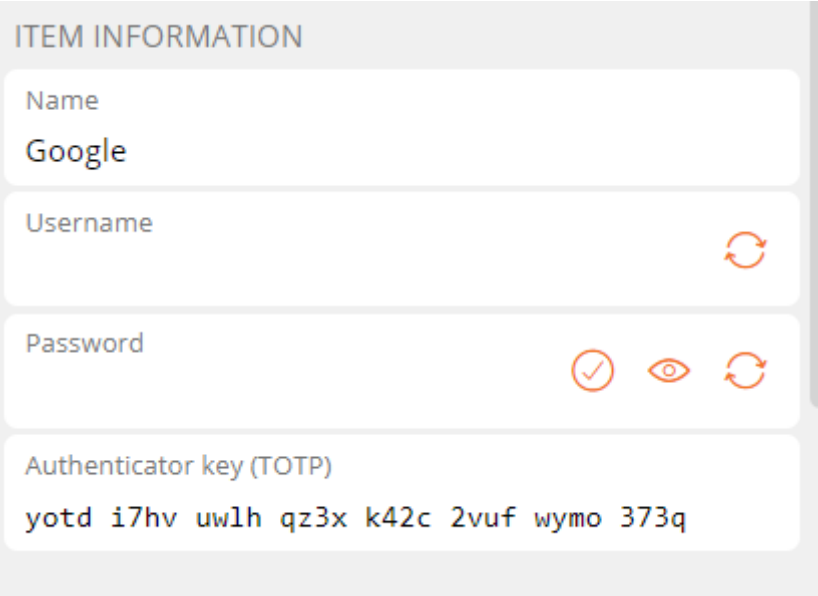
A **TOTP** is automatically **generated** for the **Login** and can be copied using the **Copy button.**



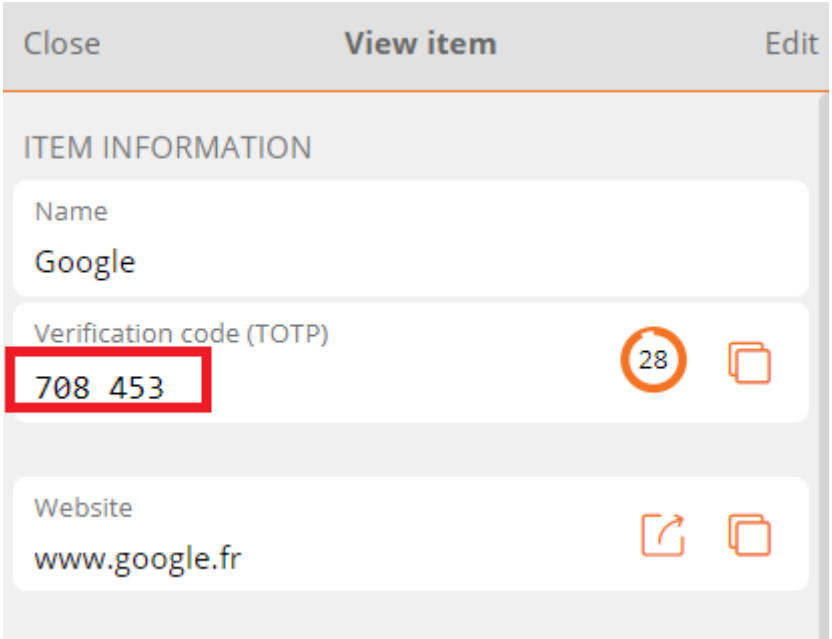
Enter the **TOTP** into the **Login Screen** of the requesting **web page**.

WALLIX Web Extension

From the **Add or Edit Item Screen** of a **Login Item**, **add** the **Authentication key** for that Login.



From the **Item Screen**, a **TOTP** is automatically **generated** for the **Login** and can be copied using the **Copy button.**



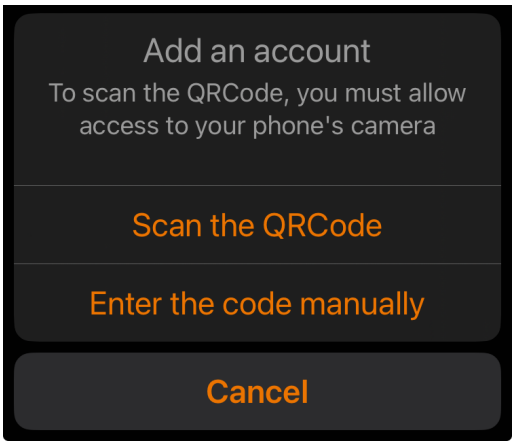
Enter the **TOTP** into the **Login Screen** of the requesting **web page**.

WALLIX Authenticator

From the WALLIX Authenticator Mobile App, click the button to **Create a New Login**.

2 Options are possible.

The first option is to tap **Scan the QRCode** to open you Camera App to scan the QR Code to **create** the **Login**.



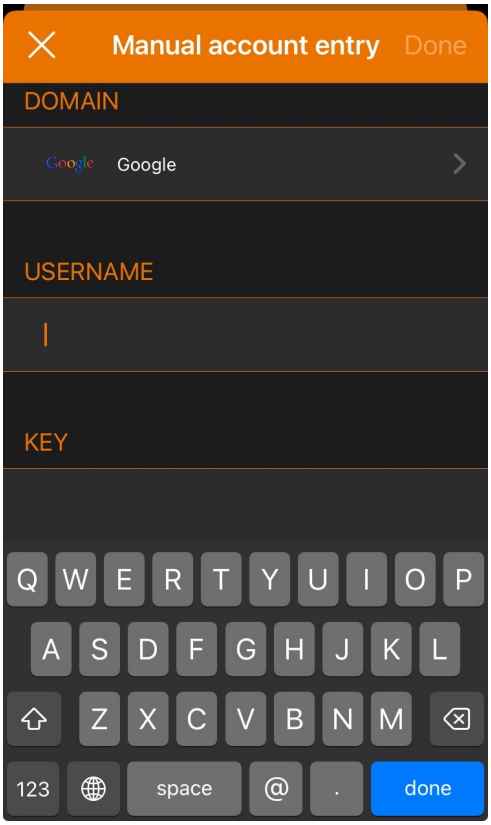
Alternatively, tap **Enter the code manually**.

- Choose the **Domain** from the Domain dropdown.

- In the **Username** Field, enter the Username.

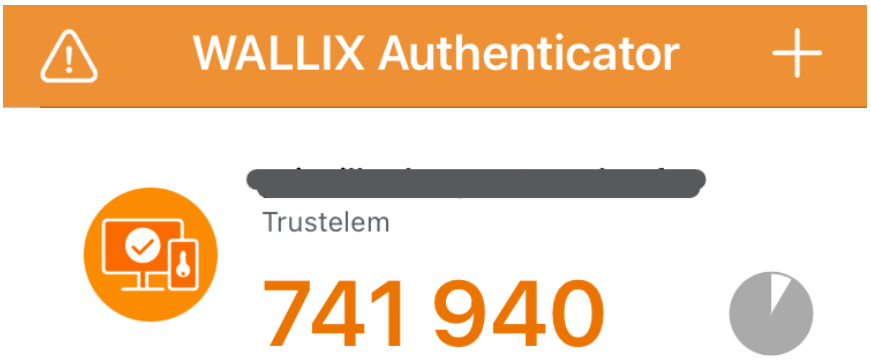
- In the **Key** Field, enter the Authentication Key.

- Tap **done** to **Save** the Login.



From the Item Screen of a Login Item, add the Authentication key for that Login.

A **TOTP** is automatically **generated** for the **Login** and can be copied using the **Copy button.**



Enter the **TOTP** into the **Login Screen** of the requesting **web page**.

> The **device** WALLX Authenticator is installed must used the **same time and timezone** as that of the **server** that hosts the web page being accessed. Otherwise the code will not work. It is **recommended** to set the device's time and timezone to **automatic**.

Revision #3
Created 12 December 2023 14:59:05 by WALLIX Admin
Updated 6 January 2025 19:32:42 by WALLIX Admin