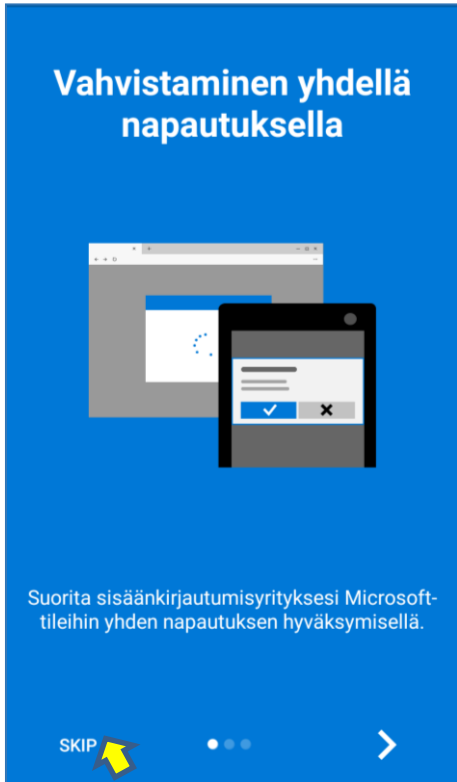
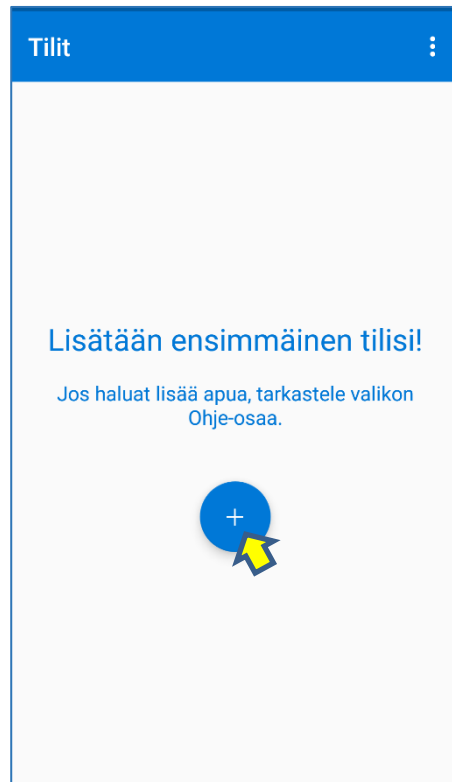


1) Install an OTP app, for instance Microsoft Authenticator, in your mobile. Create an account:

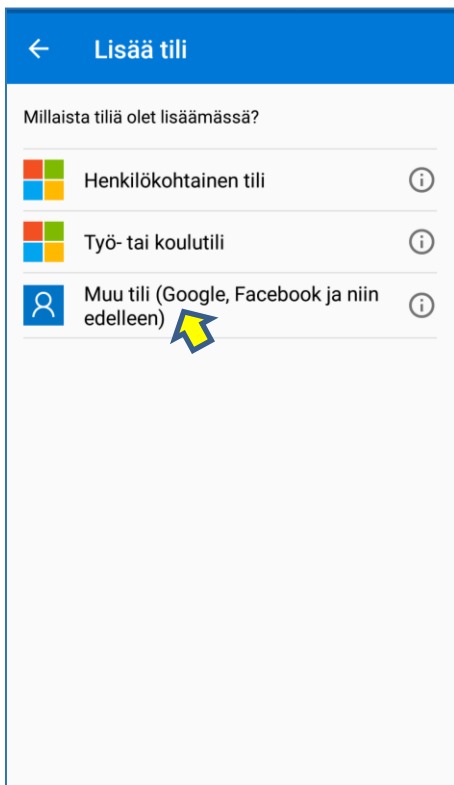
1.1. Click SKIP



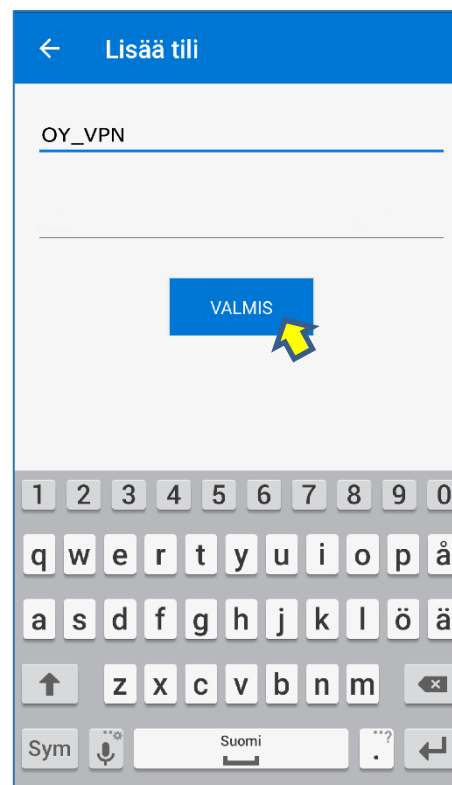
1.2. Create an account, click +



1.3. Choose *Muu tili*



1.4. Give a name for the account and click VALMIS



2) Activate the OTP application

2.1. Identify yourself in the service [Activate VPN OTP for sa.oulu.fi](https://account.oulu.fi) (link: <https://account.oulu.fi/otp>)

- Guide page of e-Identification: <http://www.oulu.fi/ict/authentication>
- Do this activation primarily using a computer. You also need a mobile device where you have installed an OTP application.
- If you do the activation using a computer and it is in the network of the university, you will be able to pass the identification phase by using [this link](#) for the activation.

Welcome to
One Time Password setup


Add asm user account to your two factor authentication app

After this first time registration you can access VPN service with One Time Password at url <https://sa.oulu.fi>. You will need to install a OTP application (Google Authenticator or similar) on your smartphone or tablet and read QR code below with it.

1. Configure the App:

Open your two factor authentication app and add "asm" user account by scanning the below QR code.

If you can't use QR code, then enter [this text](#)



2. Store Backup Codes:

Backup codes can be used to access your account in the event you lose access to your device and cannot receive two-factor authentication codes. Following backup codes are only for one time use, we recommend you to save them securely.

JASKLG	6MINSM
SABKLO	C4YCYC
23SABM	I34RYT
7J4TYH	DDJGT6
2L2JYH	BER21E

3. Enter token code that the application generates:

2.2. Configure the App

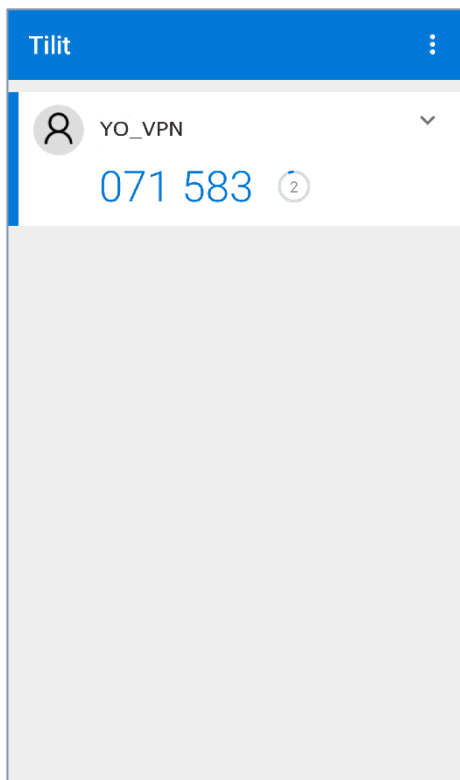
- If you are now using different devices for the activation and for the OTP use, you can use OTP application to read the QR code, or type it manually.
- If you are using only one device for both purposes, then copy a character string (marked as [this text](#)), which is an alternative to the QR code, and then paste it in the OTP, or type it manually.

2.3. Store Backup Codes

You will be able to use these one-time codes as passcodes in VPN connection in case you cannot use the OTP application for some reason.

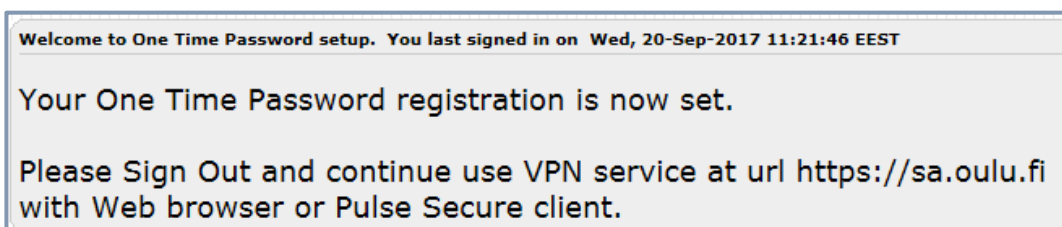
- Save the codes for the possible further use, click *Copy to Clipboard*.

2.4. Enter token code that the application generates



- Read the passcode from the OTP application of your mobile device and type it in the activation window. The one-time passcode is valid for half a minute.
- Click **Sign in** in the activation window.

2.5. The activation process is ready



- The OTP application is now linked with your user account. Logout from the activation service by clicking **Logout**.

3) Use of the OTP application

- The activation is valid for now.
- Use the OTP application to pick up the one-time passcode when it is needed in strong authentication with VPN connection. The passcode is changing in the cycle of half a minute.