



OPENVPN™

Community Edition

SETUP GUIDE

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Overview

As part of Network security we were exploring VPN which provides a safe and secure way to access resources hosted on our Cloud environment. We compared many of the available VPN tools / providers and found OpenVPN suits our need.

Result, OpenVPN-CE is released as Beta in Technotroupe-Dev AWS environment. You can access the site using the URL **<https://dev-vpn.reflexprep.net>**

Pre-requisites for the SignUp

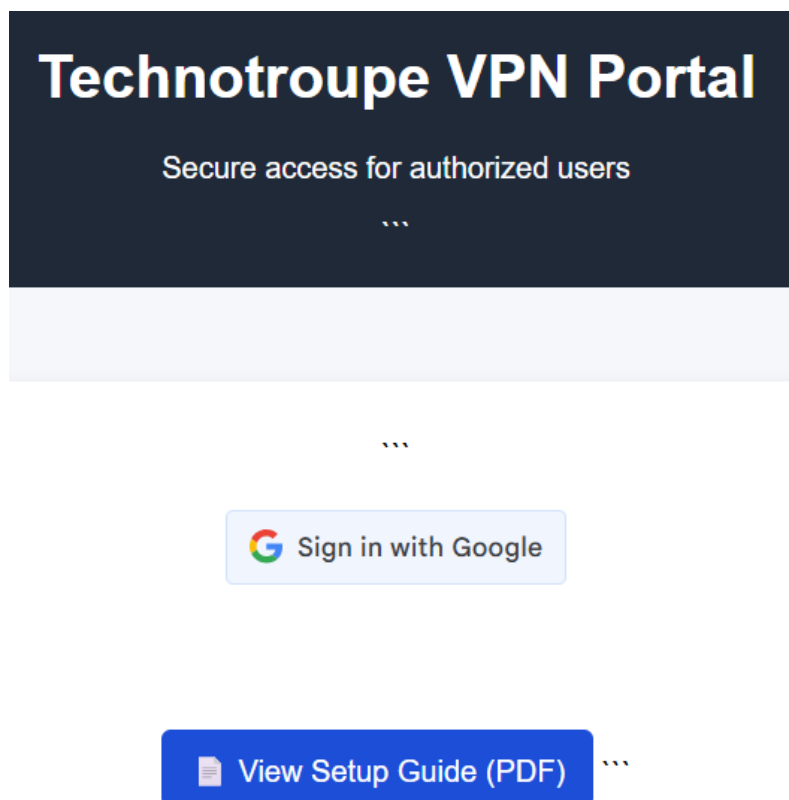
Before going further we will cross check that our system or the user meets the dependencies required for connecting the VPN.

- Ensure your browser is in InCognito mode.
- Only Email_IDs with domain Technotroupe.com will be allowed.

***All other domains will be blocked*

SignUp – Technotroupe-OpenVPN

Visit **<https://dev-vpn.reflexprep.net>** and signin with your official email id. The engine validates your email id and creates OpenVPN credentials for you. Follow the steps pictorized below.



Wait-till your credentials are generated

- Once done, you will be provided with consent screen.
- Click on the download link and save the credentials in your secret directory.
- Scan the QR-Code with OTP authenticator application like - Authy, Google Authenticator.
- Make a note of the instruction provided which aids for the Login.

****This TOTP will be your password for OpenVPN login.**

Pre-requisites for Login

- For Linux / Mac, user should have installed OpenVPN CLI.
- Windows user should have OpenVPN Client GUI installed.
- Can be connected from any Internet sources.

**Installation link provided @Conclusion

Linux / Mac:

- Open your CLI terminal
- Navigate to the credentials directory.
- Ensure that ***.ovpn** file is present in the directory
- Run the below command
- `openvpn --config username@technotroupe.com`

- Enter your Email id when prompted for the Username
- Type in your TOTP from your authenticator app as the Password.
- You are done, Welcome to AWS Dev VPC

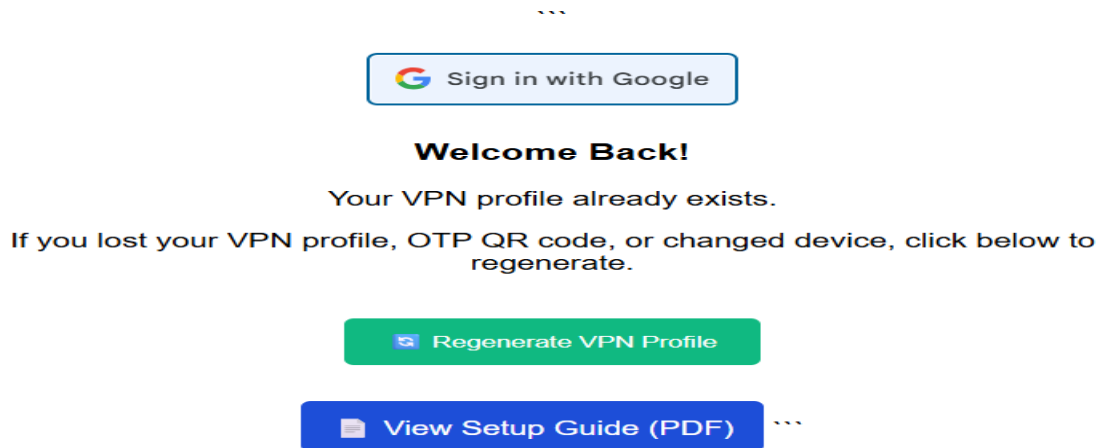
Windows

- From your System Tray right click OpenVPN icon
- Click on Settings and it will pop up a windows
- Goto Advanced tab, and configure the credential directory
- Save the settings
- Again right click and select the OpenVPN icon from the System Tray
- Click connect
- Enter your Email id when prompted for the Username
- Type in your TOTP from your authenticator app as the Password.
- You are done, Welcome to AWS Dev VPC

Resetting Credential:

Incase of TOTP loss or mobile device change you can reset your vpn profile yourself.

1. Click on <https://dev-vpn.reflexprep.net/>
2. Sign in with your official mail ID.
3. You will get screen like below, Click on “Regenerate profile”, It will regenerate profile and give new VPN config files and new QR code to scan.



Conclusion

You can follow the instruction below depending on your OS flavour to setup Openvpn Client.

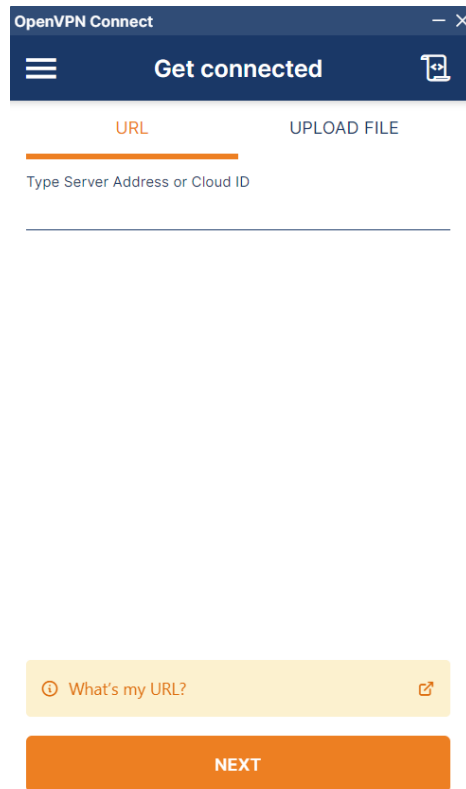
<https://openvpn.net/downloads/openvpn-connect-v3-windows.msi>

<https://openvpn.net/downloads/openvpn-connect-v3-macos.dmg>

****Windows OS - Please uncheck OPENVPN_Service while installing the package.**

Client Side Setup:

1. Downloaded openvpn client from above given client URL and install the same.
2. Unzip the downloaded file and store in secure place in your local laptop.
3. Open VPN Client and you get like below.



4. Click on UPLOAD FILE tab.
5. Browse the .ovpn file from the unzipped location.
6. Username would be your e-mail excludes domain name (**ex: username.s@technotroupe.com**) then username will be **username.s**
7. Google Auth TOTP will be the password