



OpenVPN for Linux

Stand: b'28. Juni 2023'

1 Preface

- The OpenVPN client software must be installed in a current version on the system. We recommend OpenVPN ≥ 2.5 .
- The installation requires access to the internet, because the configuration file has to be downloaded. Optionally, you can also obtain the required file by other means and transfer it to the target computer, e.g. via USB stick.
- The establishment of an OpenVPN tunnel to the HU requires a connection to the internet.

2 Installation

2.1 OpenVPN ≥ 2.5

Create a directory and save the following files there:

- https://pages.cms.hu-berlin.de/noc/openvpn3_installer/hu-berlin.ovpn

3 Installation OpenVPN3

Please follow the manufacturer's installation manual: [OpenVPN 3 Client for Linux](#)

4 OpenVPN connection

Now you can start the VPN connection from a terminal window as follows:

```
sudo openvpn3 session-start --config hu-berlin.ovpn
```

OpenVPN now requires you to enter your username and password.

Hint: Depending on which department you have your account at, you will need to attach an extension to your username. The extension can be found in the following table. If you don't know at which department you have your account, it's probably at the CMS (central HU account).

Department	Extension
Physik	@physik.hu-berlin.de
Mathematik	@mathematik.hu-berlin.de
Informatik	@informatik.hu-berlin.de
HU-Account	<i>no extension</i>

5 OpenVPN-Connection test

Go to the page <https://meineip.hu-berlin.de>. The IP address which the OpenVPN Connect app reports when connected should be displayed (in the app scroll down to "YOUR PRIVATE IP"). It should also show "Sie befinden sich im HU-Netz!". ("You are connected to the HU network!")

Please note that with the standard configuration, only connections to the HU network are routed through the VPN tunnel. (Split Tunnelling)

6 OpenVPN Troubleshooting

6.1 Access to non-HU pages

If you need access to external resources from the HU network, please use the following configuration file:

https://pages.cms.hu-berlin.de/noc/openvpn3_installer/hu-berlin-full.ovpn

6.2 No connection

If you cannot establish a VPN connection, but the Internet works otherwise, please try the following configuration file:

https://pages.cms.hu-berlin.de/noc/openvpn3_installer/hu-berlin_alternative.ovpn

This is required for some public wifi hotspots or in countries with a national firewall.