

Installation VPN Client – Linux

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1. Add the public keys of the iteas.at repository server via the terminal.

```
sudo apt-key adv --recv-keys --keyserver keyserver.ubuntu.com  
2FAB19E7CCB7F415
```

2. Add the suitable repository for your system.

Ubuntu 16.04 (Xenial): **Please note for the installation under Xenial the supplement under the point FAQ!**

```
echo ' deb https://apt.iteas.at/iteas xenial main' |  
sudo tee -a "/etc/apt/sources.list.d/iteas.list"
```

Ubuntu 18.04 (Bionic)

```
echo ' deb https://apt.iteas.at/iteas bionic main' |  
sudo tee -a "/etc/apt/sources.list.d/iteas.list"
```

Ubuntu 20.04 (Focal)

```
echo ' deb https://apt.iteas.at/iteas focal main' |  
sudo tee -a "/etc/apt/sources.list.d/iteas.list"
```

Debian 9 (Stretch)

```
echo ' deb https://apt.iteas.at/iteas stretch main' |  
sudo tee -a "/etc/apt/sources.list.d/iteas.list"
```

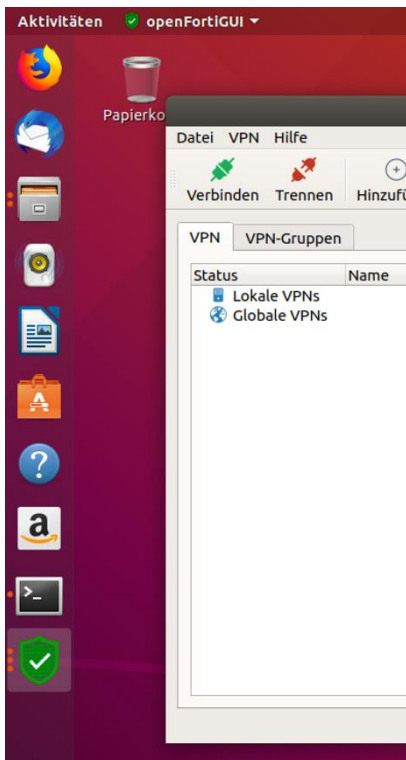
3. Then execute the command

```
sudo apt update
```

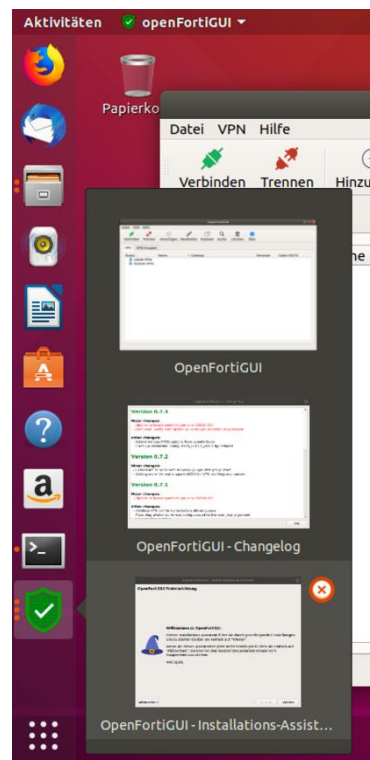
4. Install the two packages *openfortigui* and *openfortigui-runner*.

```
sudo apt install openfortigui openfortigui-runner
```

5. After installation, start the OpenFortiGUI. After the window has opened, you will see three red dots next to the program icon at the favorites bar (see picture 1). There you have to change to the window with the change log (see picture 2).

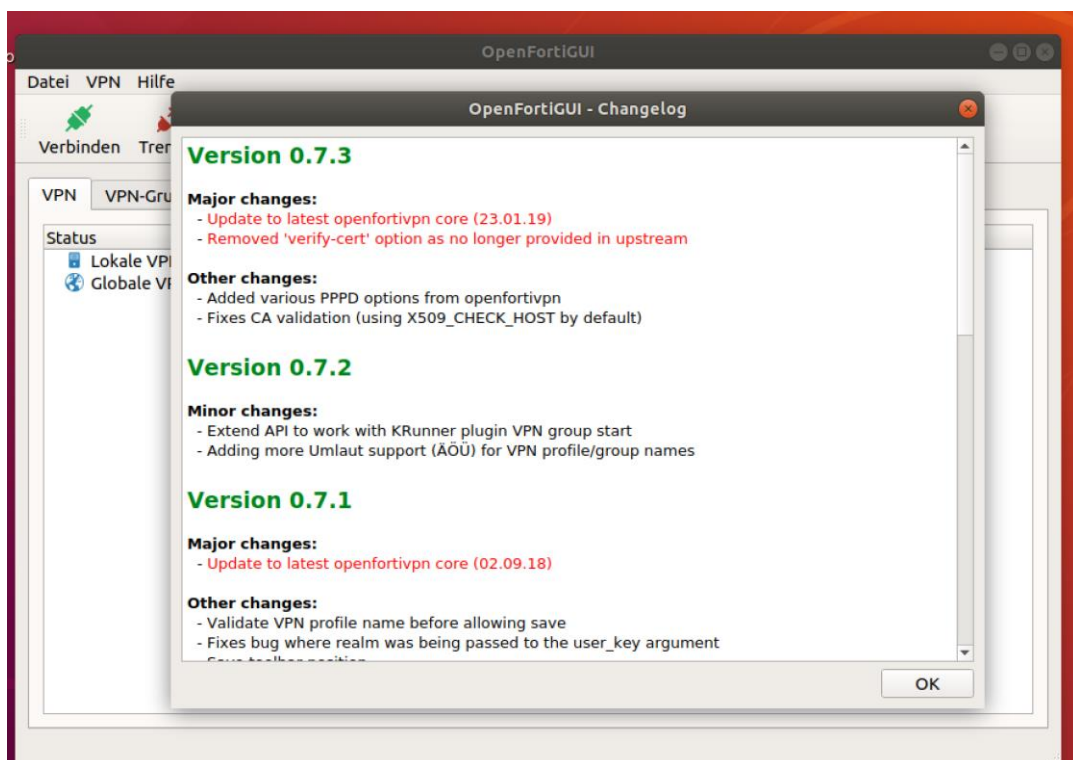


picture 1

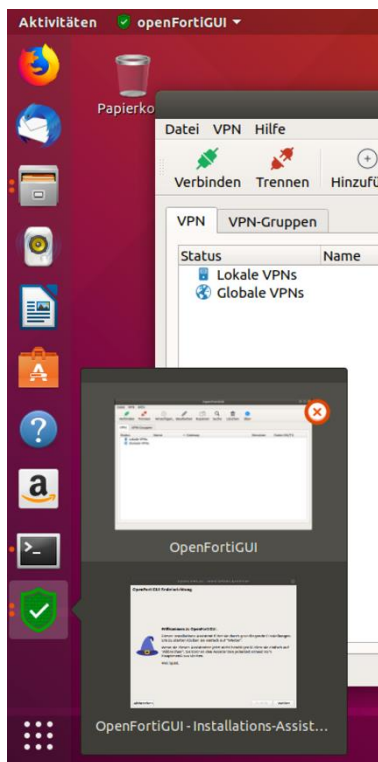


picture 2

6. You can close the window by confirming the OK button.



7. After that you have to go to the window with the installation wizard via the favorites bar.



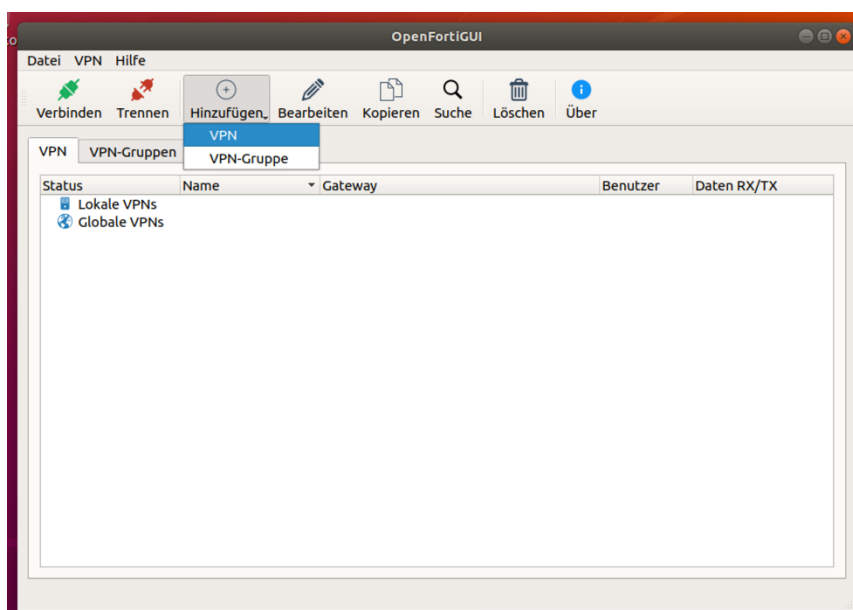
8. Follow the instructions in the installation wizard.



9. Use the automatically generated keys.



10. Now you can create a VPN connection under "Add".



11. Enter the values below and click save.

Attention:
We do not recommend you to store username or password permanently in the configuration!

Name: z. B. **THI_VPN**

VPN-Server: **vpn.thi.de**

VPN-Port: **443**

CA-Datei: **/etc/ssl/certs/T-TeleSec_GlobalRoot_Class_2.pem**

Vertr. Zertifikat: **77f5f091758d030ea8443fdbcb0646d7eb91d947dcdc906dea4f41cd168dee29c**

OpenFortiGUI - VPN hinzufügen

VPN-Einstellungen Optionen

Allgemein

Name THI_VPN

VPN-Server vpn.thi.de

VPN-Port 443

Benutzername

Passwort

Zertifikate

Benutzer-Zertifikat Wählen

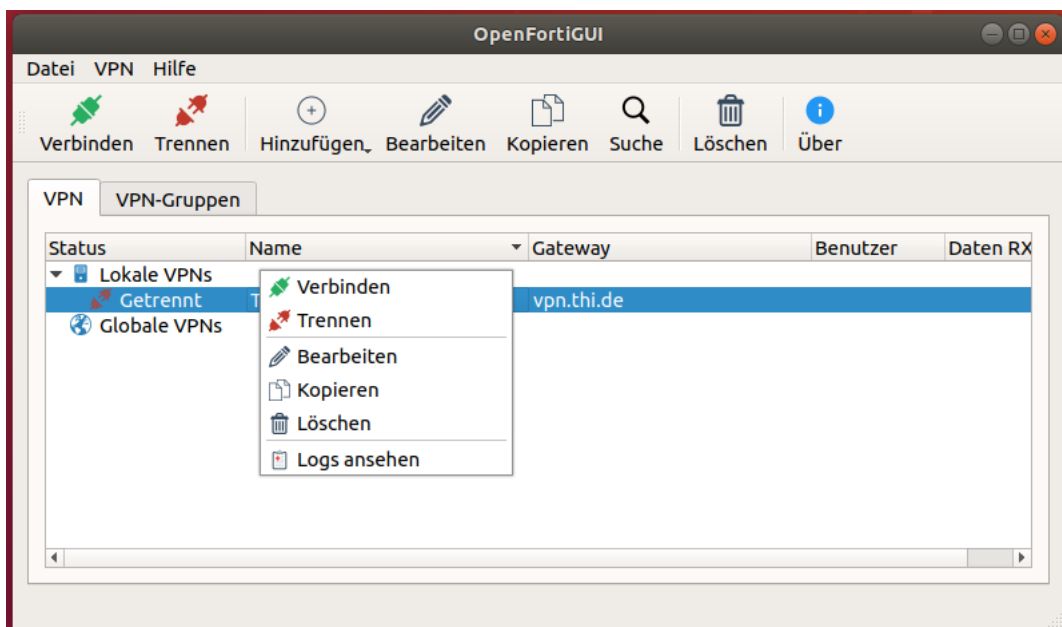
Benutzer-Schlüssel Wählen

CA-Datei /etc/ssl/certs/T-TeleSec_GlobalRoot_Class_2.pem Wählen

Vertr. Zertifikat (SHA2) 77f5f091758d030ea8443fdbcb0646d7eb91d947dcdc906dea4f41cd168

Abbrechen Speichern

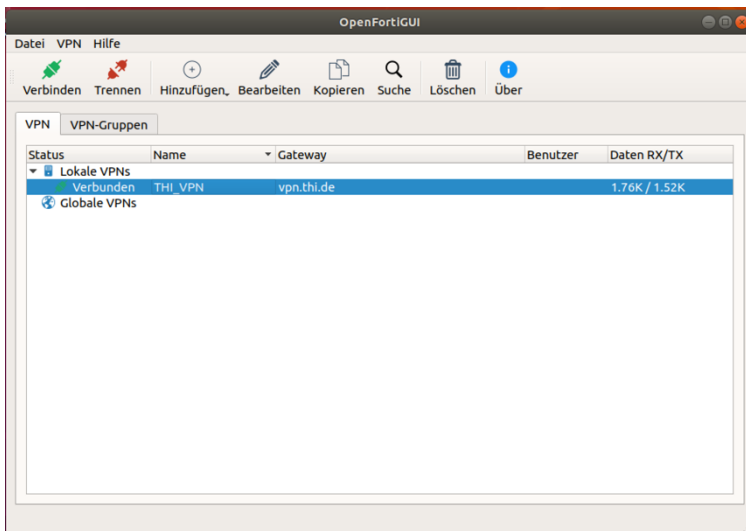
12. Then the connection is displayed in the overview. You can start the connection by right-clicking on the connection.



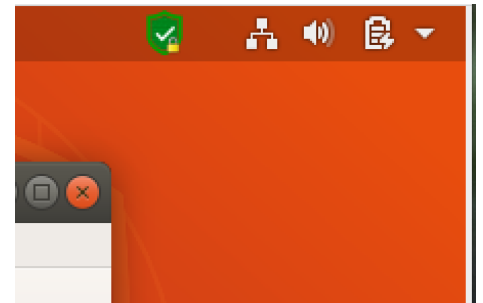
13. In this window you have to enter your user data.



14. After a successful connection, you can see in the window that you are connected (see picture 3). This is also shown at the top right of the system bar (see picture 4).



picture 3



picture 4

15. Finally, you must insert the following entry in your local system file `/etc/resolv.conf`.

search rz.fh-ingolstadt.de

This step only has to be done once per system!

FAQ

Installation problem at Ubuntu Xenial

When installing the openfortigui package, the repository reports an error. Therefore, follow these steps below.

1. Download the package manually from the website

```
wget  
https://apt.iteas.at/iteas/pool/main/o/openfortigui/openfortigui_0.7.  
4-1_amd64_xenial.deb
```

2. Now install a package that is necessary for the installation of the Openfortigui client.

```
sudo apt install libqt5keychain1
```

3. Now you can install the file from your local file system.

```
sudo dpkg -i openfortigui_0.7.4-1_amd64_xenial.deb
```

4. You can install the openfortigui-runner package normally via the repository.

```
sudo apt install openfortigui-runner
```

© This workaround was developed and provided by Prof. Dr. Ing. Franz Regensburger.