Installation VPN Client – Linux

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!
   
   ```
   sudo echo "deb https://apt.iteas.at/iteas xenial main" > /etc/apt/sources.list.d/iteas.list
   ```

   Ubuntu 18.04 (Bionic)
   
   ```
   sudo echo "deb https://apt.iteas.at/iteas bionic main" > /etc/apt/sources.list.d/iteas.list
   ```

   Debian 9 (Stretch)
   
   ```
   sudo echo "deb https://apt.iteas.at/iteas stretch main" > /etc/apt/sources.list.d/iteas.list
   ```

3. Then execute the command

   ```
   sudo apt-get udpate
   ```

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

   ```
   sudo apt-get 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](image1.png)

![Picture 2](image2.png)

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

![Section 6](image3.png)
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: 77f5f091758d030ea8443fdcb0646d7eb91d947dccc906dea4f41cd168dee29c

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).

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
   
   ```bash
   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.

   ```bash
   sudo apt-get install libqt5keychain1
   ```

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

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

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

   ```bash
   sudo apt-get install openfortigui-runner
   ```

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