

Openvpn for Linux

To configure Linux to use CS Openvpn you must perform three steps:

- Download the CS Openvpn configuration file **openvpn-linux.tar**
- Install an Openvpn client
- Load the downloaded CS configuration files into your Openvpn client. Once for **pfwall1** and a second time for **pfwall2**

Download the Openvpn client

Download the file *openvpn-linux.tar* file from:

CS network access (wifi, wired or VPN):

- [\\evs2.cs.ucl.ac.uk\windows-software\apps\openvpn\macos](https://evs2.cs.ucl.ac.uk/windows-software/apps/openvpn/macos)
- <https://support.cs.ucl.ac.uk>

Or remotely:

- sftp username@knuckles.cs.ucl.ac.uk:/cs/docs/support/downloads/openvpn

You can also email request@cs.ucl.ac.uk to arrange for TSG to install Openvpn on your laptop

To download the **openvpn-linux.tar** from our SSH gateway system *knuckles*.

- Open terminal and enter:
sftp username@knuckles.cs.ucl.ac.uk:/cs/docs/support/downloads/openvpn/linux

```
% sftp alovlac@knuckles.cs.ucl.ac.uk:/cs/docs/support/downloads/openvpn/linux
Connected to knuckles.cs.ucl.ac.uk.
Changing to: /cs/docs/support/downloads/linux
sftp> ls
openvpn-linux.tar
sftp> get openvpn-linux.tar
Fetching /cs/docs/support/downloads/linux/openvpn-linux.tar to openvpn-linux.tar
/cs/docs/support/downloads/linux/openvpn-linux.tar 100% 20KB 708.2KB/s
00:00
```

- Unpack the downloaded pfwall.tar with **tar xvf pfwall.tar**

```
% tar xvf openvpn-linux.tar
openvpn-linux/pfwall1-UDP4-1194-ca.crt
openvpn-linux /pfwall1-UDP-1194-config.ovpn
openvpn-linux /pfwall1-UDP4-1194-tls-key
openvpn-linux /pfwall2-UDP4-1194-ca.crt
openvpn-linux /pfwall2-UDP-1194-config.ovpn
openvpn-linux /pfwall2-UDP4-1194-tls-key
```

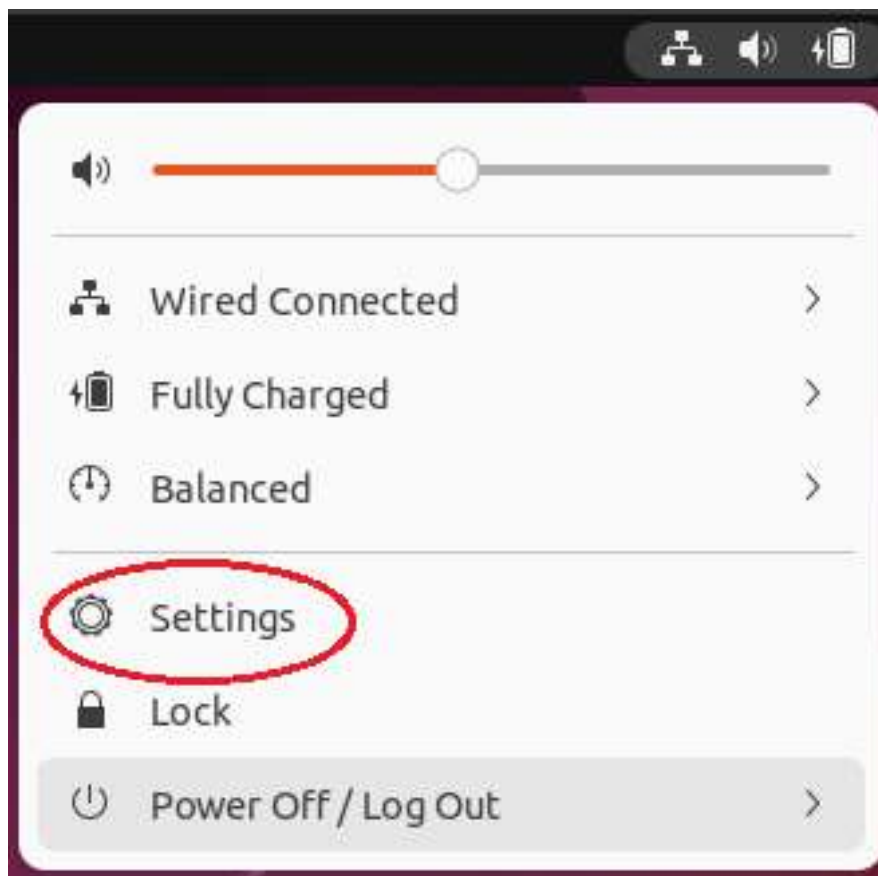
- Install Openvpn client. For example, in Ubuntu use **apt** to install openvpn with:

```
% sudo apt install network-manager-openvpn-gnome
```

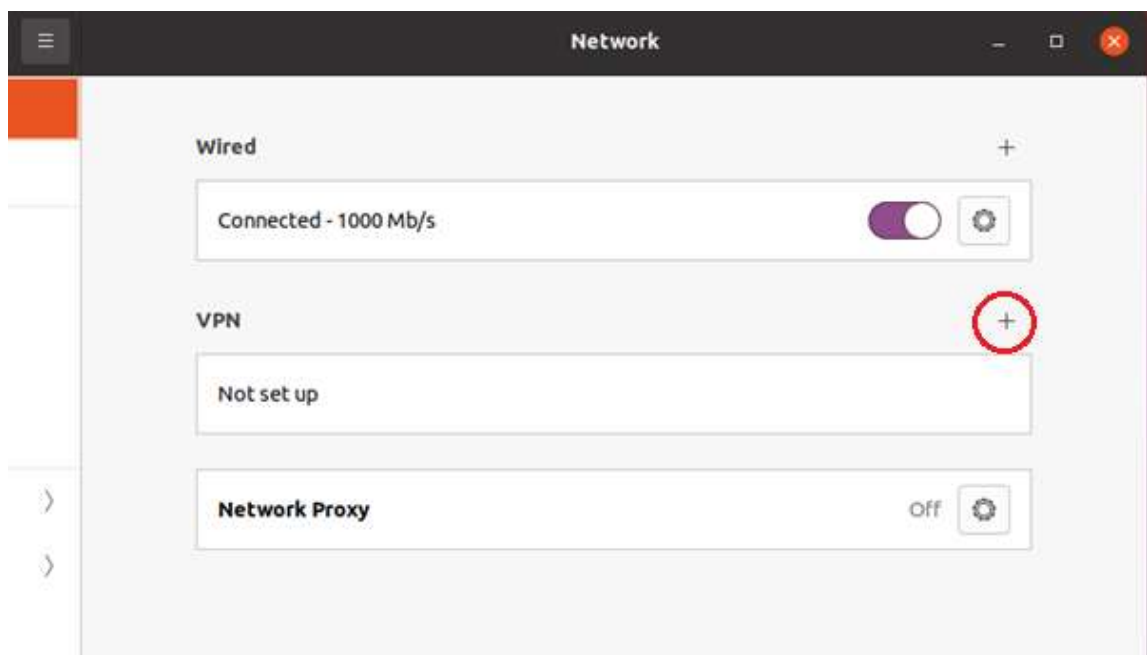
- Once the *Openvpn* client is installed you can set up the two vpn connections to CS
- In Ubuntu select the network icon



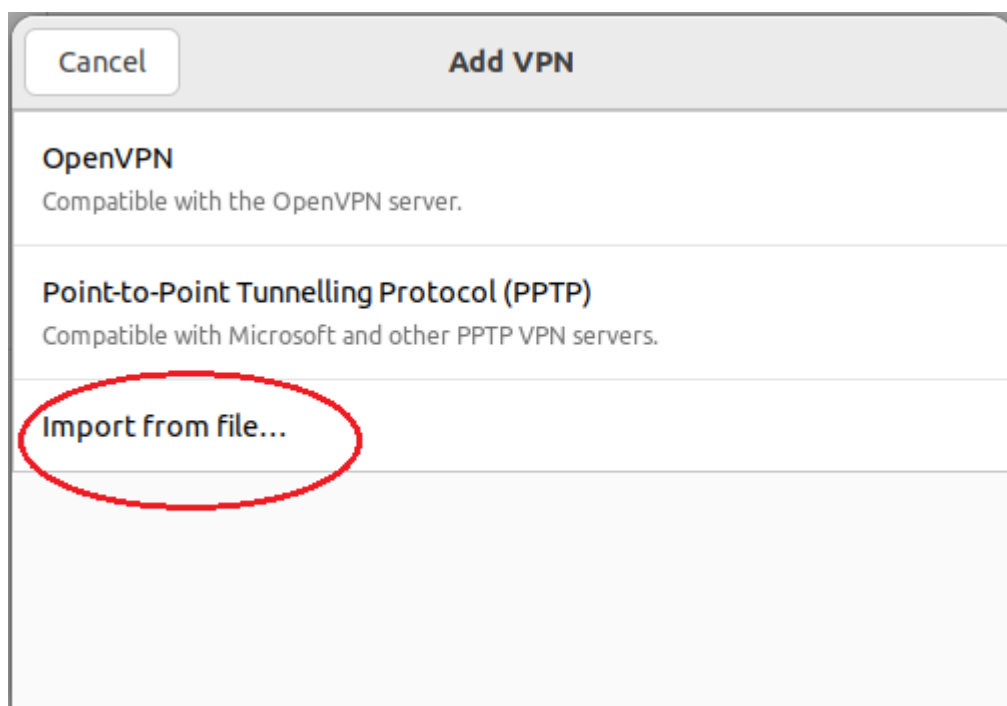
- select Settings



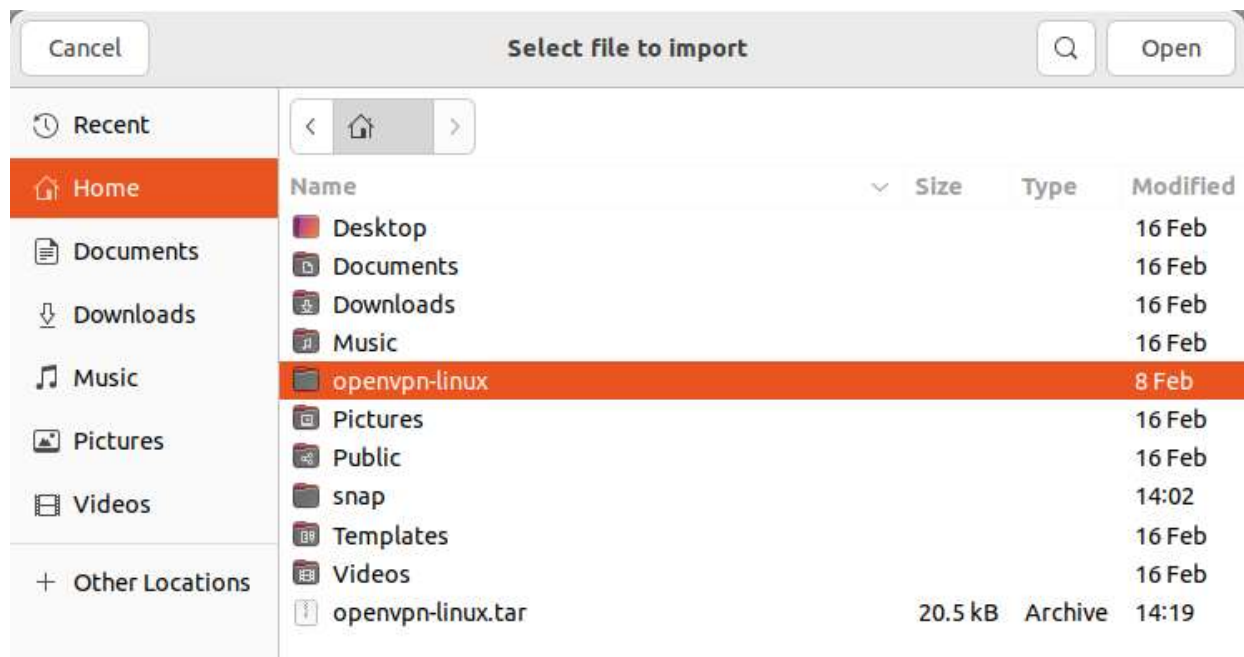
- Select + opposite **VPN**



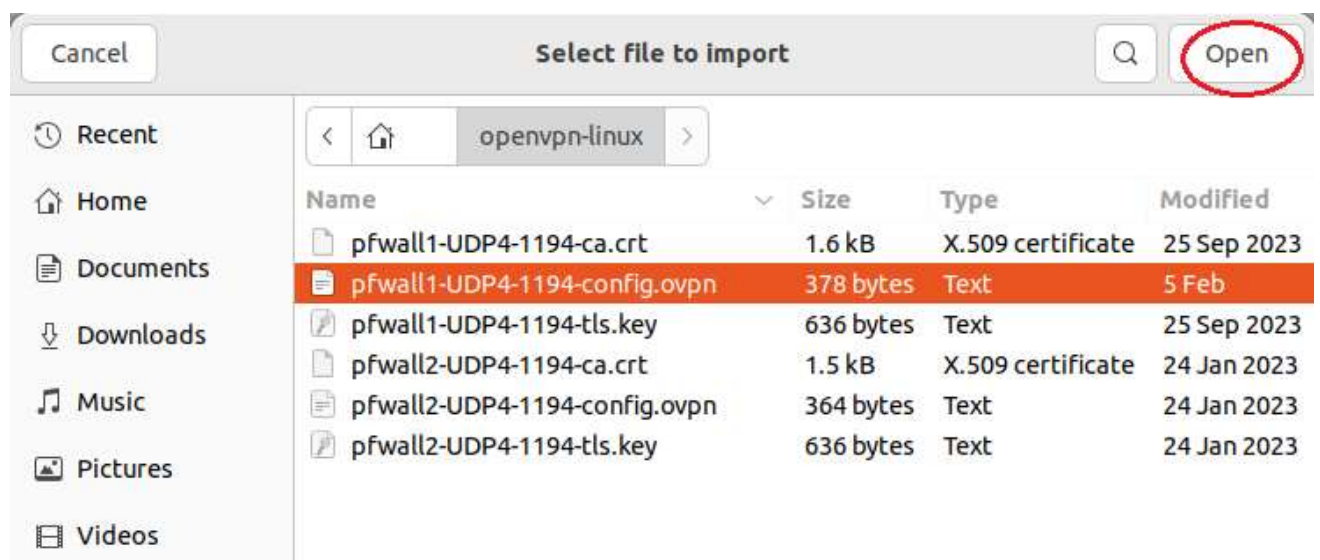
- Select **Import from file...**



- open *openvpn-linux* folder



- Select **pfwall1-UDP-1194-config.ovpn** and then **Open**



- Enter your **CS** username and (optionally **windows**) password

Cancel Add VPN Add

Identity IPv4 IPv6

Name pfwall1-UDP4-1194-config

General

Gateway 128.16.67.25:1194:udp4

Authentication

Type Password

Username

Password

CA certificate pfwall1-UDP4-1194-ca.crt

- To see your password storage options

Username

Password

Now you can set up a connection for pfwall2

- select + opposite VPN

Network

Wired +

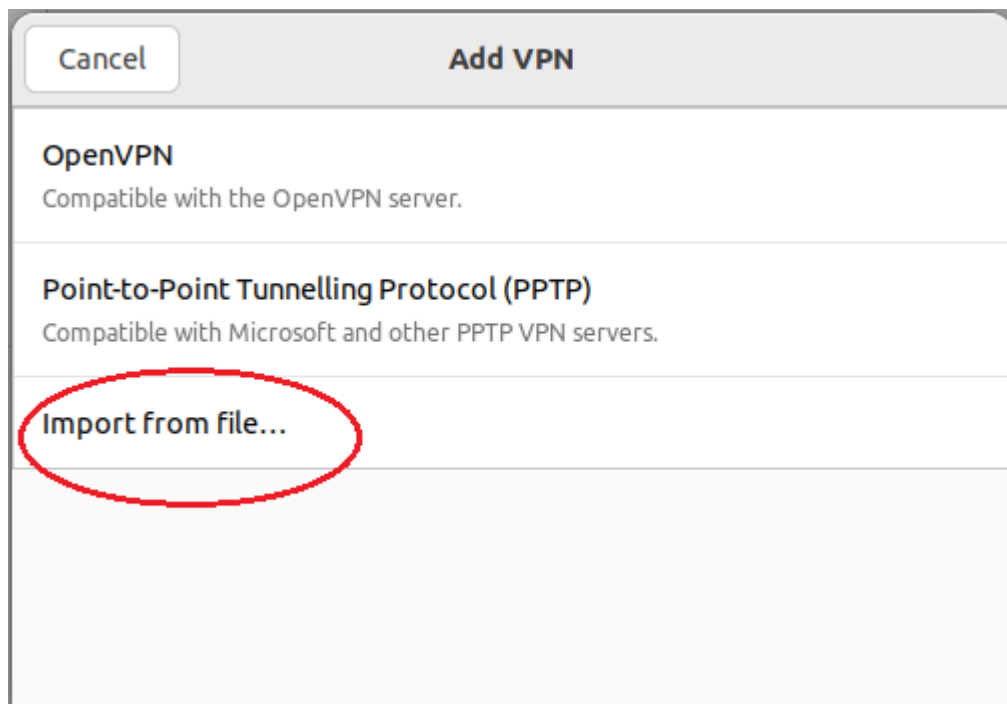
Connected - 1000 Mb/s

VPN +

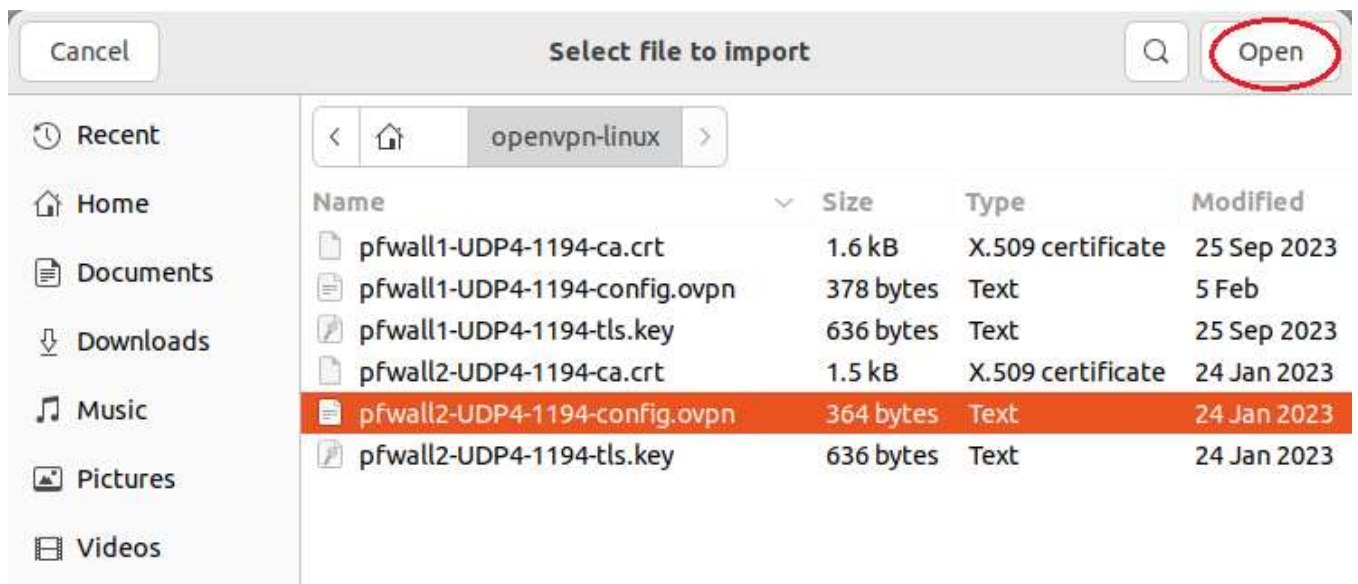
pfwall1-UDP4-1194-config VPN

Network Proxy off

- select **Import from file...**



- Select **pfwall2-UDP-1194-config.ovpn** and then **Open**



- enter your CS Windows username (and optionally password)

Cancel Add VPN Add

Identity IPv4 IPv6

Name pfwall2-UDP4-1194-config

General

Gateway 128.16.67.23:1194:udp4

Authentication

Type Password

Username

Password

CA certificate pfwall2-UDP4-1194-ca.crt

- To see your password storage options

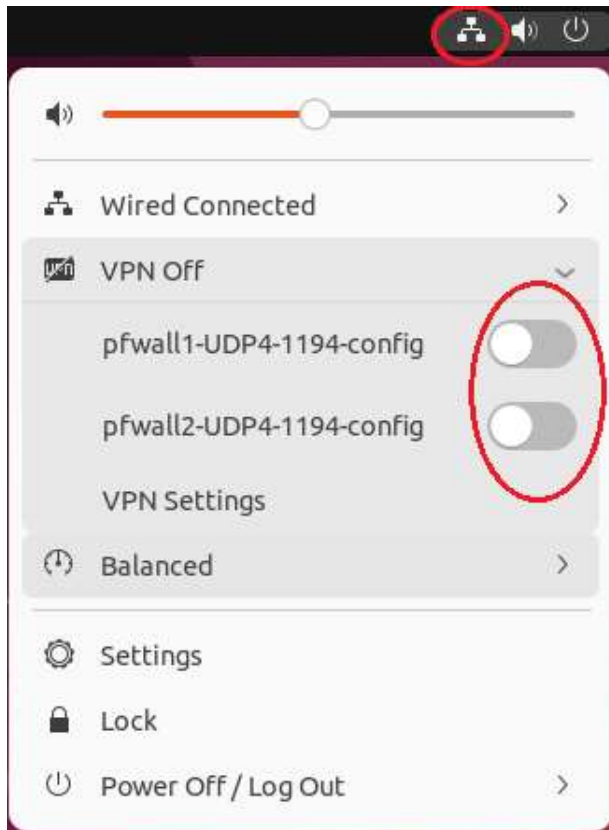
Username

Password

Connect to the VPN

Now that you have setup two connections; pfwall1 and pfwall2 to connect:

- Select the network icon on your desktop
- Choose either *pfwall1-UDP-1194-config* or *pfwall2-UDP4-1194-config*



- If prompted enter your CS windows password

