

VPN access from Ubuntu

This guide will show you how to connect to the AI Sweden Edge lab via VPN from an Ubuntu client & CLI.

Install openfortivpn and friends

```
sudo apt-get install openfortivpn network-manager-fortisslvpn network-  
manager-fortisslvpn-gnome
```

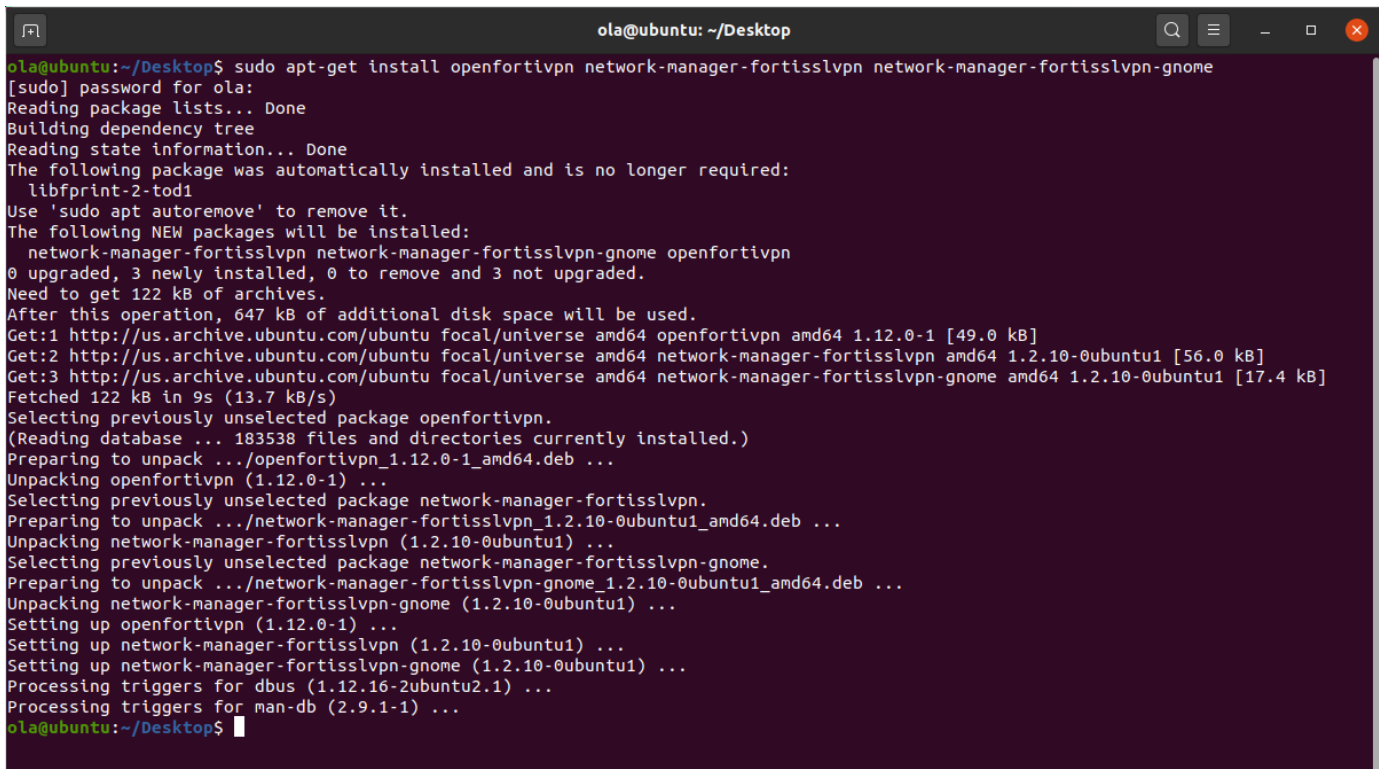
Connect via terminal

If you rather connect from the terminal instead this can be done using the following command:

```
sudo openfortivpn vpn.edgelab.network:40443 -u <yourusername> --trusted-  
cert 4253e0a6dcb5cc029e115ef365e60efdfc749a555311fdfe55e83135ef4431a1
```

Doing so, you can also omit the network-manager packages in the installation.

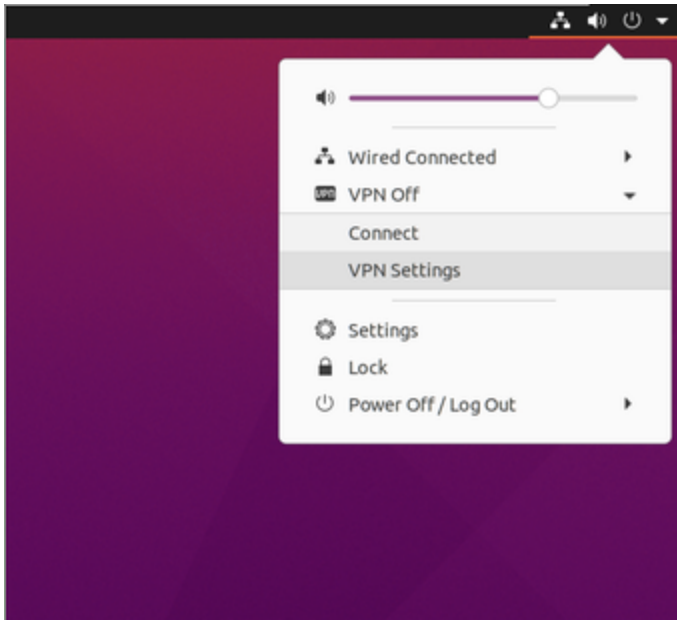
Connect via GUI



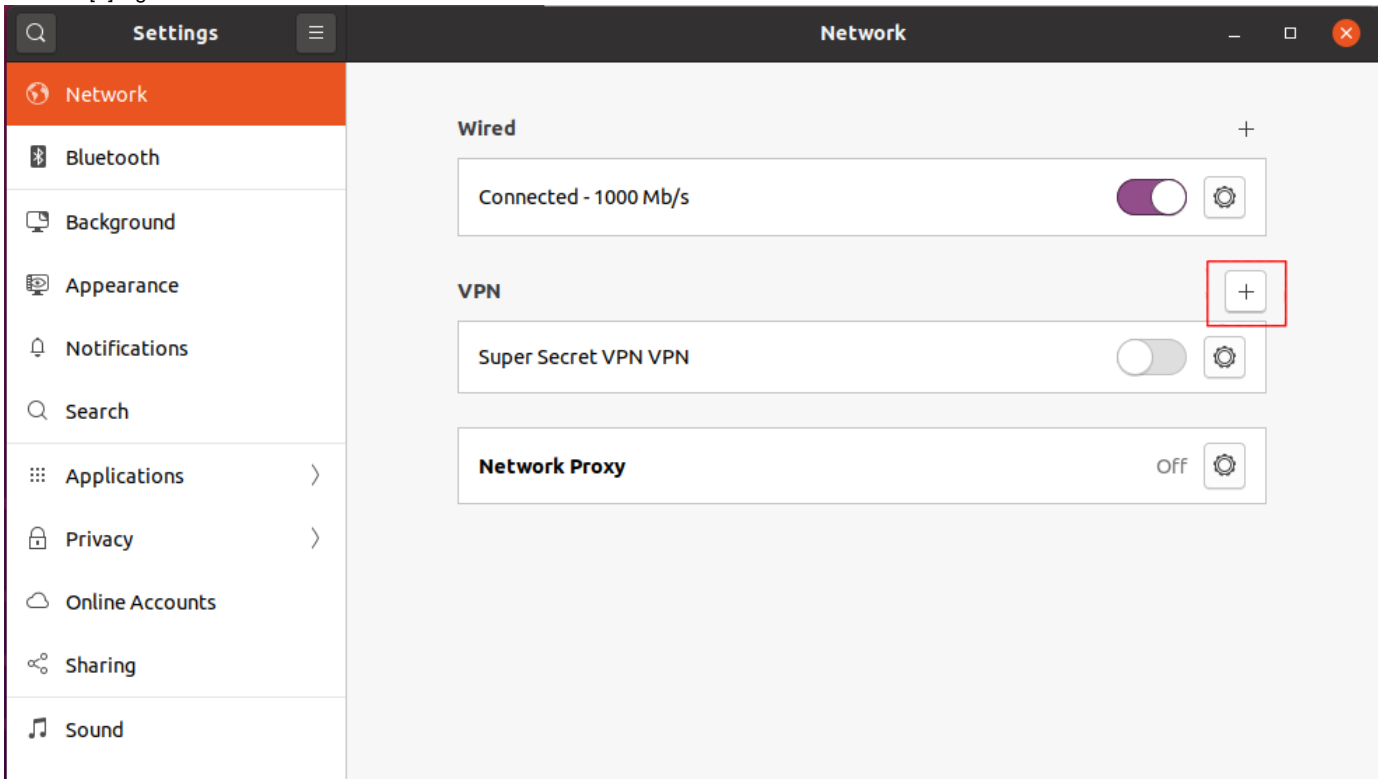
```
ola@ubuntu: ~/Desktop
ola@ubuntu:~/Desktop$ sudo apt-get install openfortivpn network-manager-fortisslvpn network-manager-fortisslvpn-gnome
[sudo] password for ola:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following package was automatically installed and is no longer required:
  libfprint-2-tod1
Use 'sudo apt autoremove' to remove it.
The following NEW packages will be installed:
  network-manager-fortisslvpn network-manager-fortisslvpn-gnome openfortivpn
0 upgraded, 3 newly installed, 0 to remove and 3 not upgraded.
Need to get 122 kB of archives.
After this operation, 647 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu focal/universe amd64 openfortivpn amd64 1.12.0-1 [49.0 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu focal/universe amd64 network-manager-fortisslvpn amd64 1.2.10-0ubuntu1 [56.0 kB]
Get:3 http://us.archive.ubuntu.com/ubuntu focal/universe amd64 network-manager-fortisslvpn-gnome amd64 1.2.10-0ubuntu1 [17.4 kB]
Fetched 122 kB in 9s (13.7 kB/s)
Selecting previously unselected package openfortivpn.
(Reading database ... 183538 files and directories currently installed.)
Preparing to unpack .../openfortivpn_1.12.0-1_amd64.deb ...
Unpacking openfortivpn (1.12.0-1) ...
Selecting previously unselected package network-manager-fortisslvpn.
Preparing to unpack .../network-manager-fortisslvpn_1.2.10-0ubuntu1_amd64.deb ...
Unpacking network-manager-fortisslvpn (1.2.10-0ubuntu1) ...
Selecting previously unselected package network-manager-fortisslvpn-gnome.
Preparing to unpack .../network-manager-fortisslvpn-gnome_1.2.10-0ubuntu1_amd64.deb ...
Unpacking network-manager-fortisslvpn-gnome (1.2.10-0ubuntu1) ...
Setting up openfortivpn (1.12.0-1) ...
Setting up network-manager-fortisslvpn (1.2.10-0ubuntu1) ...
Setting up network-manager-fortisslvpn-gnome (1.2.10-0ubuntu1) ...
Processing triggers for dbus (1.12.16-2ubuntu2.1) ...
Processing triggers for man-db (2.9.1-1) ...
ola@ubuntu:~/Desktop$
```

Add VPN configuration

Bring up the top right corner menu, expand the “VPN” menu and select “VPN Settings”:



Click the [+] sign to add a new VPN connection:



Select "Fortinet SSLVPN":

Cancel Add VPN

Fortinet SSLVPN
Compatible with Fortinet SSLVPN servers.

OpenVPN
Compatible with the OpenVPN server.

Point-to-Point Tunneling Protocol (PPTP)
Compatible with Microsoft and other PPTP VPN servers.

Import from file...

Enter connection details:

Name: AI Sweden Edge Lab

Gateway: vpn.edgelab.network:40443

Username: <your username>

Cancel AI Sweden Edge Lab VPN Apply

Details Identity IPv4 IPv6

Name AI Sweden Edge Lab

General

Gateway vpn.edgelab.ai.se:40443

Authentication

User name ola.eriksson@ai.se

Password ?

☐ Show password

CA Certificate (None)

User Certificate (None)

User Key (None)

Advanced...

Click on "Advanced" at the bottom right corner:

ame ola.eriksson@ai.se

ord ?

☐ Show password

ate (None)

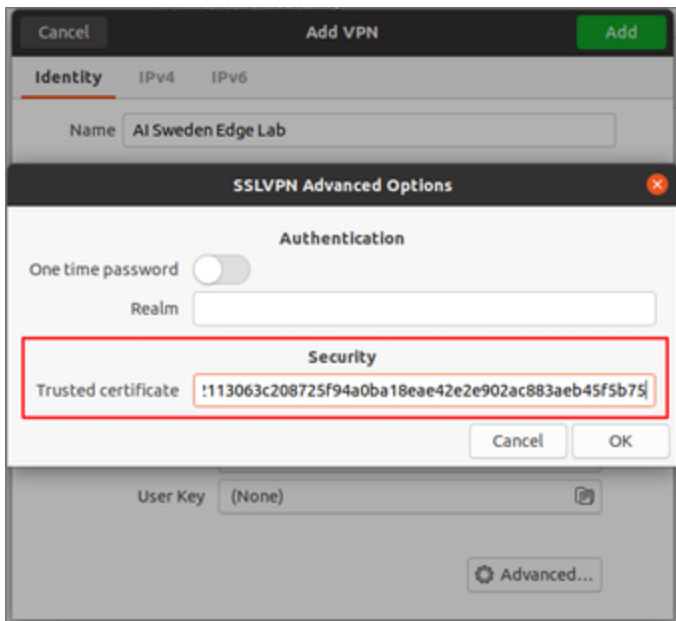
ate (None)

Key (None)

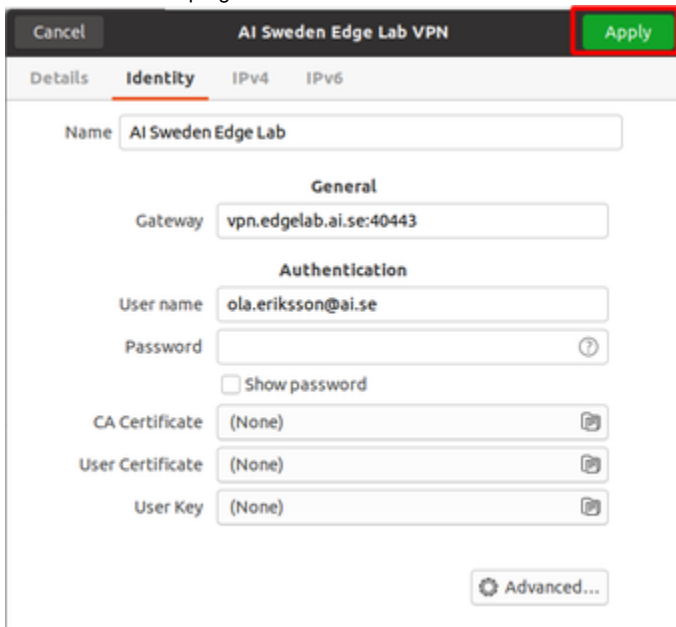
Advanced...

Add the following string as "Trusted certificate" and click "OK" to return to previous menu:

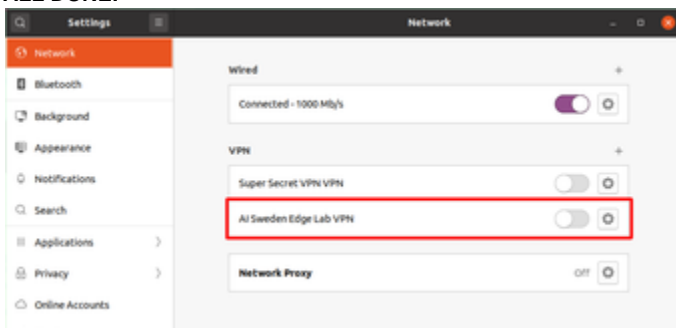
4253e0a6dcb5cc029e115ef365e60efdfe749a555311fdfe55e83135ef4431a1



Click "Add" in the top right corner:

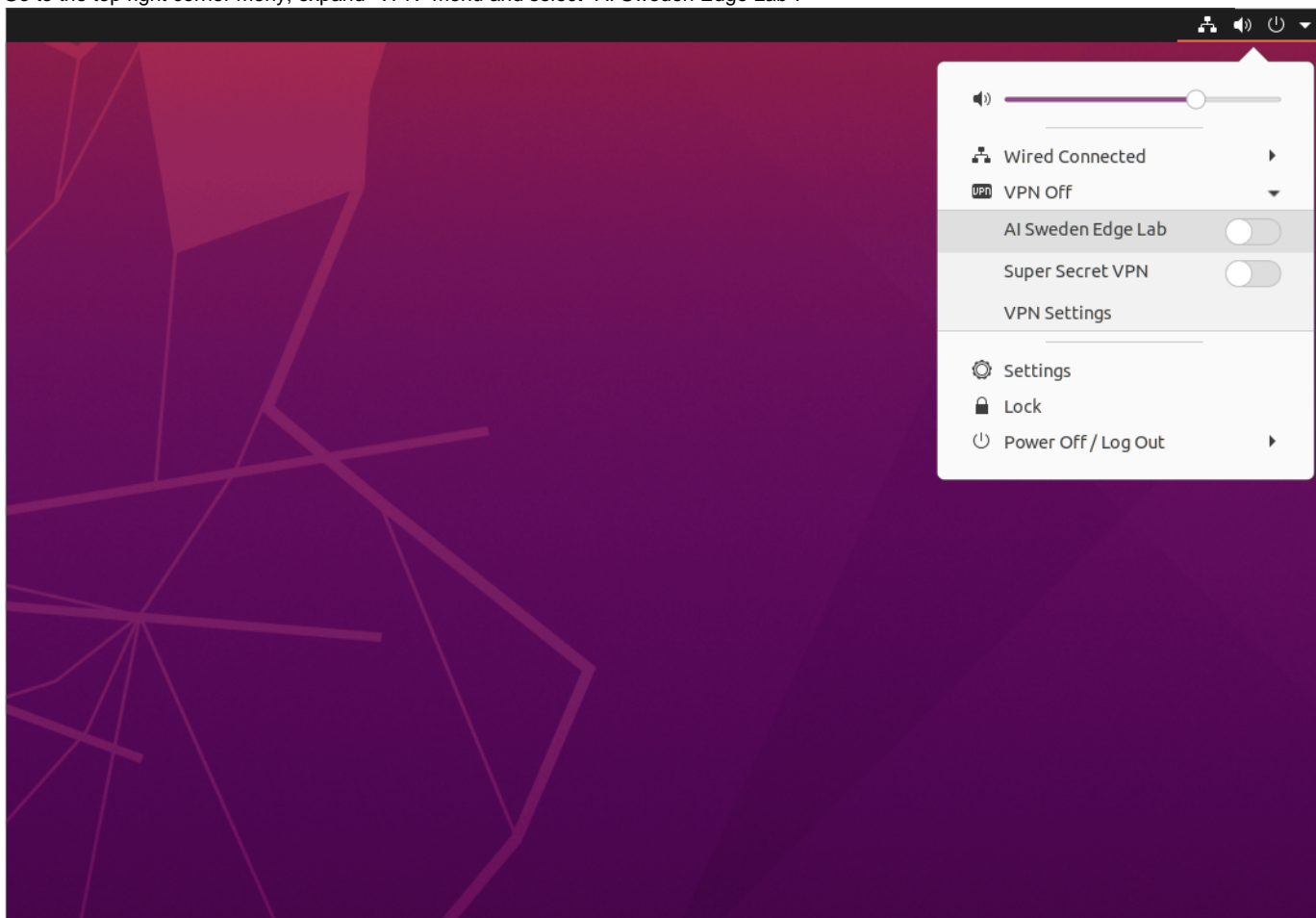


ALL DONE:

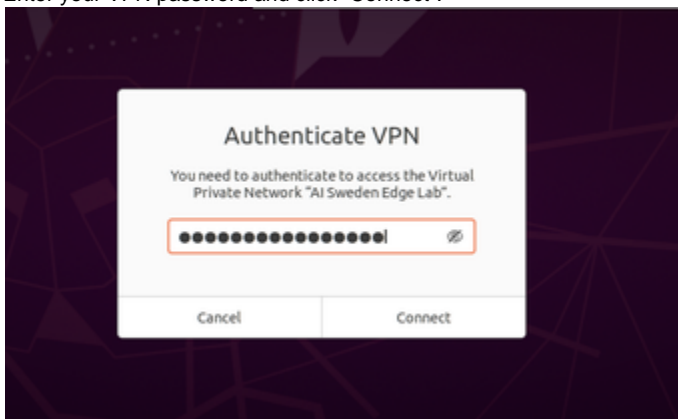


Enable VPN

Go to the top right corner meny, expand "VPN" menu and select "AI Sweden Edge Lab":



Enter your VPN password and click "Connect":



If you are using Fortinet GUI in ubuntu, you need to specify the dns server afterward:

```
sudo systemd-resolve --interface ppp0 --set-dns 172.25.1.10 --set-domain edgelab.network
```