



BJIT Group VPN Setup

March 20, 2020



CMMIDEV / 3SM
Exp. 2018-02-28 / Appraisal #23707





In this tutorial we will cover the following.

1. How to setup VPN in windows 10.
2. How to setup VPN in Ubuntu.

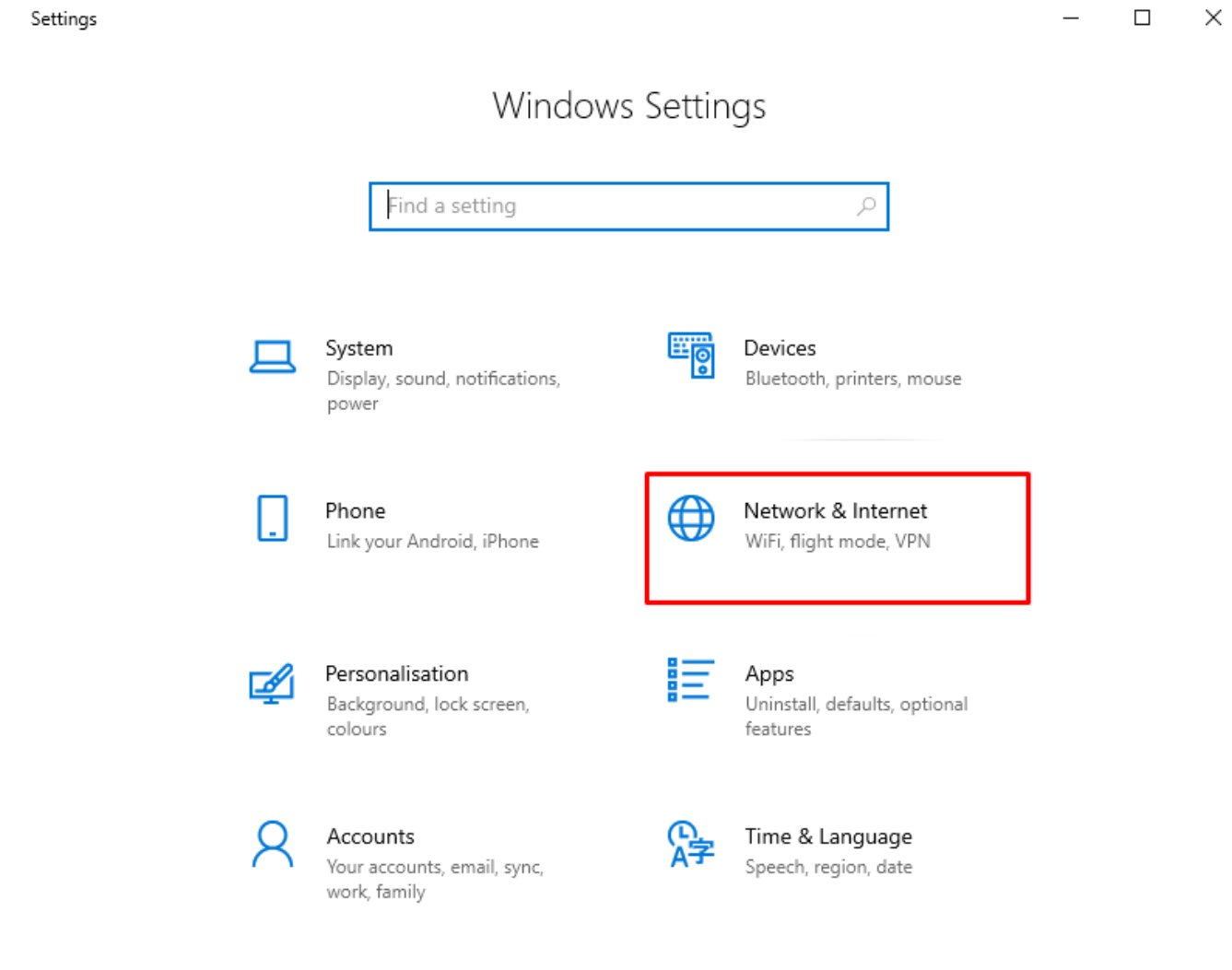


Go to Start Menu then click on Settings icon.





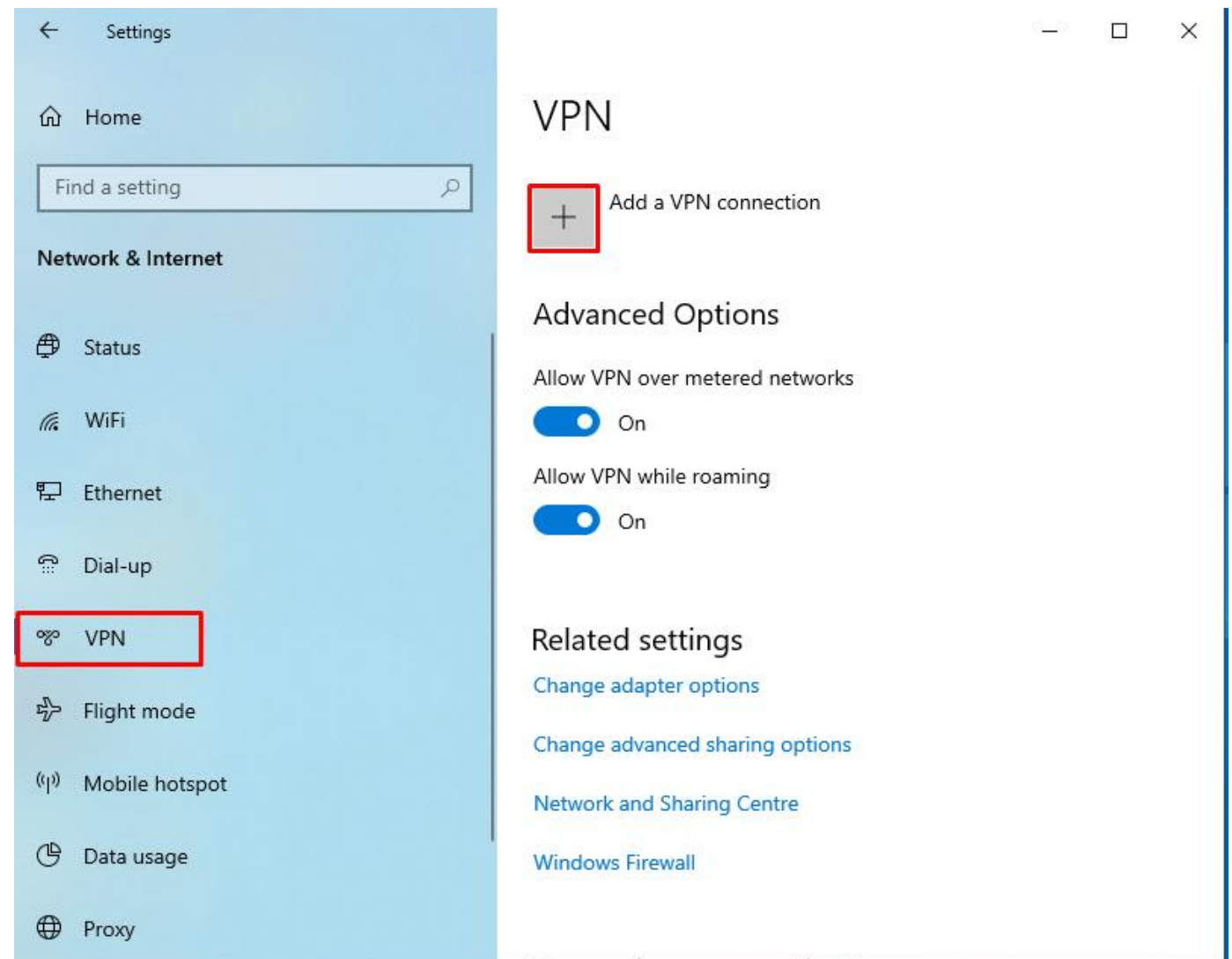
Click on **Network & Internet**.





Select **VPN**

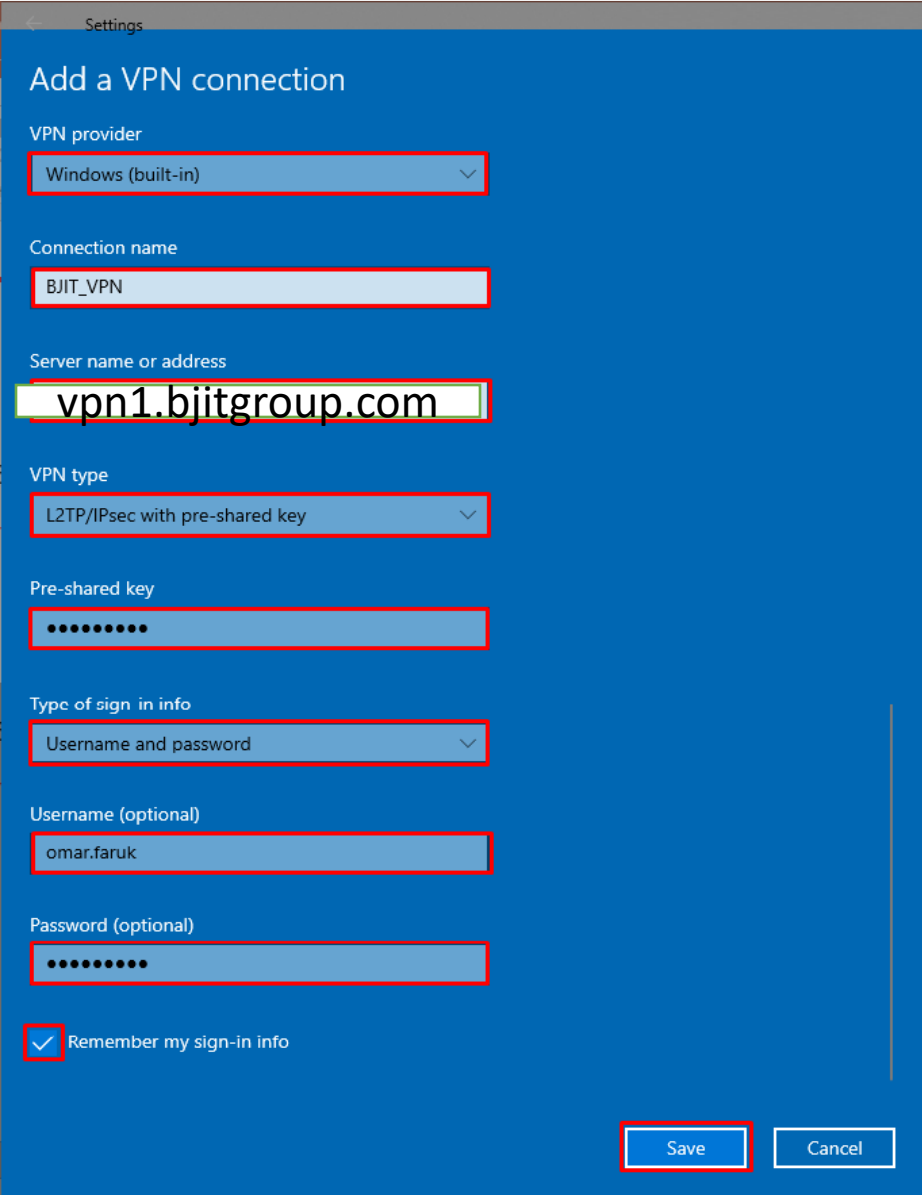
Click on **Add a VPN Connection** icon





Now Fill up the following field.

1. VPN provider: Windows (built-in)
2. Connection Name: BJIT_VPN
3. Server name or address:
vpn1.bjitgroup.com
4. VPN type: L2TP/Ipssec with pre-shared key
5. Pre-shared key: bjit@2018
6. Type of sign-in info: Username and password
7. Username: First portion of the email ID
Password: Type your password
8. Click on **Save**



Settings

Add a VPN connection

VPN provider
Windows (built-in)

Connection name
BJIT_VPN

Server name or address
vpn1.bjitgroup.com

VPN type
L2TP/IPsec with pre-shared key

Pre-shared key
.....

Type of sign in info
Username and password

Username (optional)
omar.faruk

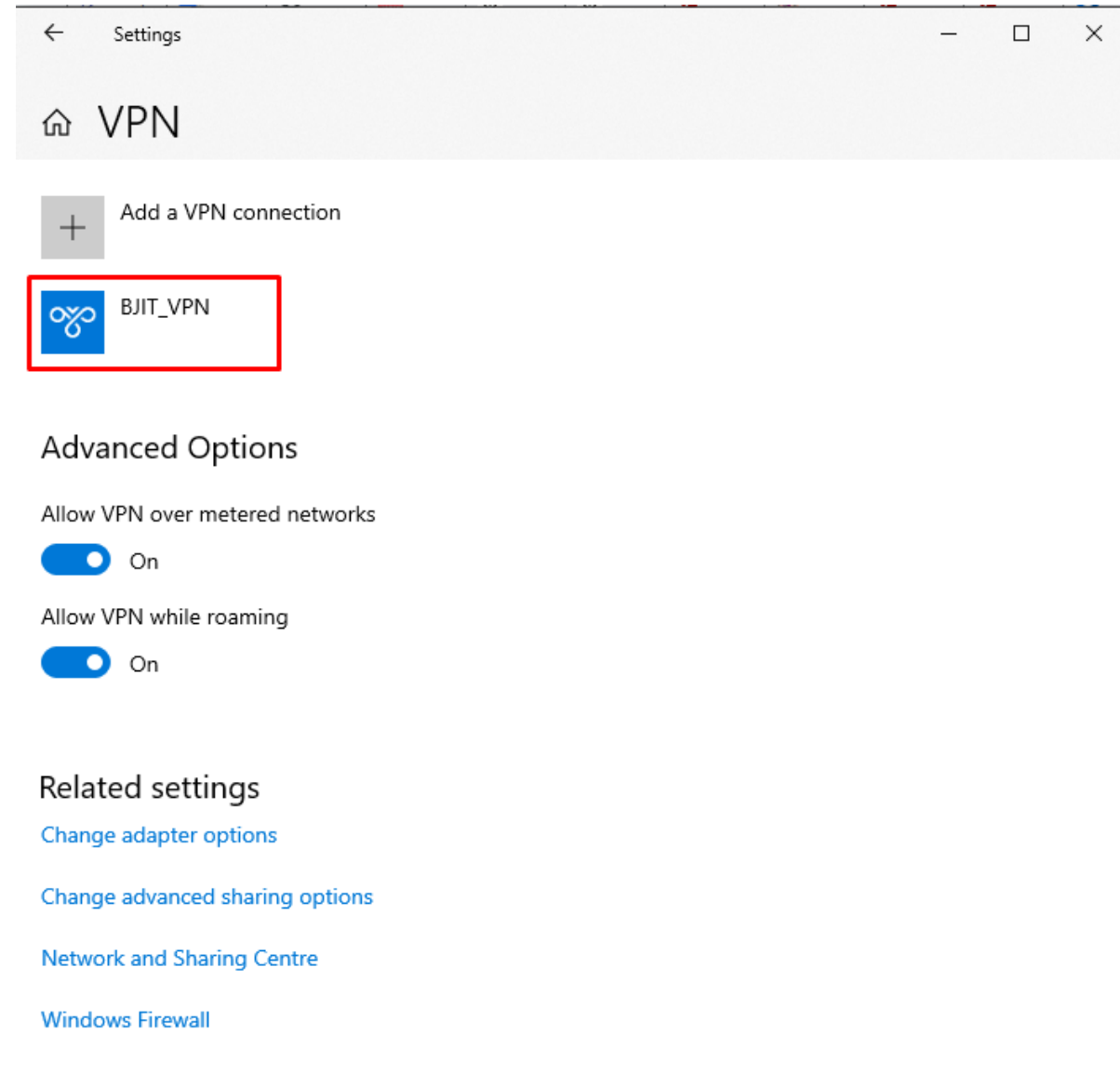
Password (optional)
.....

☒ Remember my sign-in info

Save Cancel

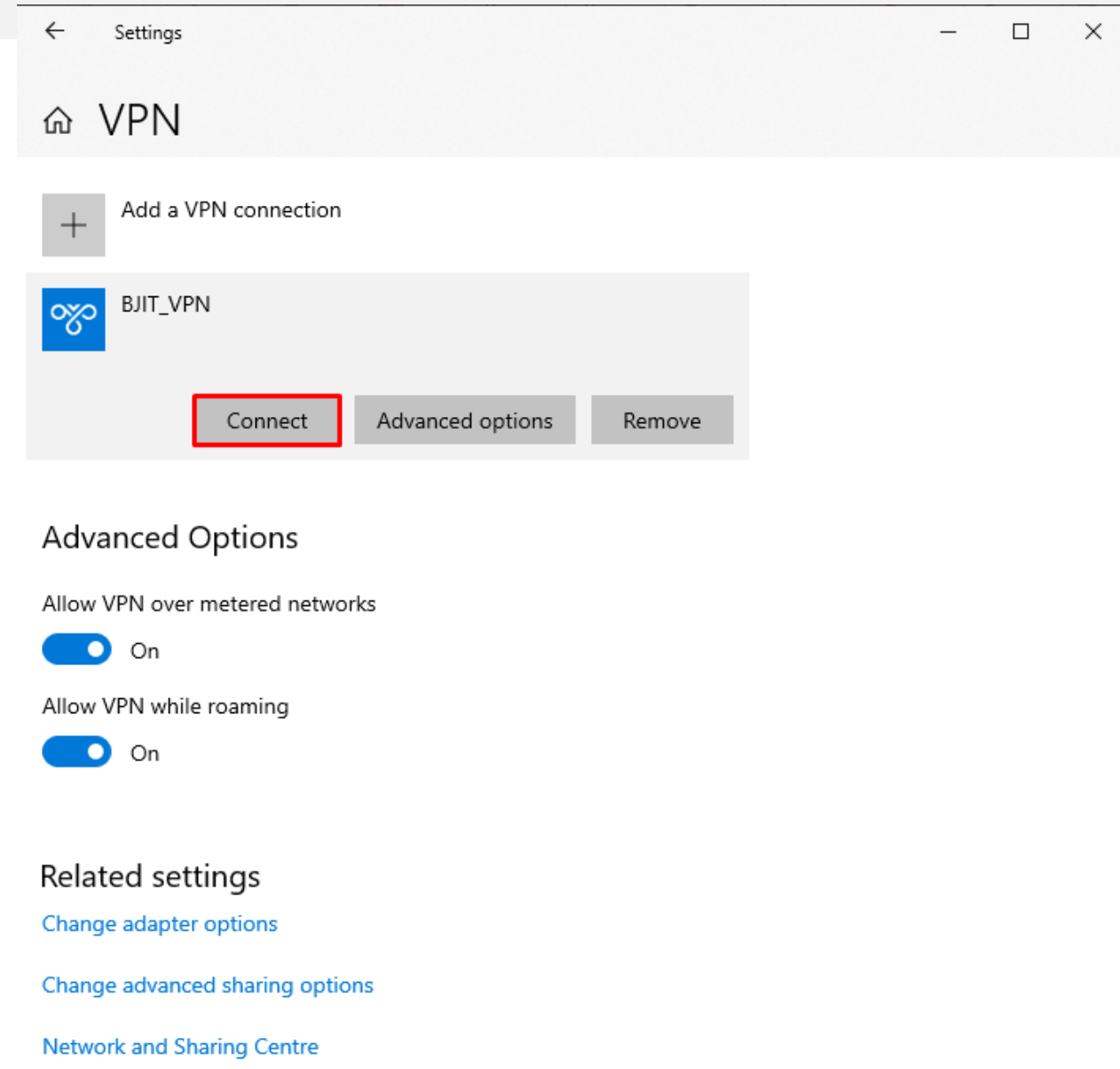


VPN is ready to connect.





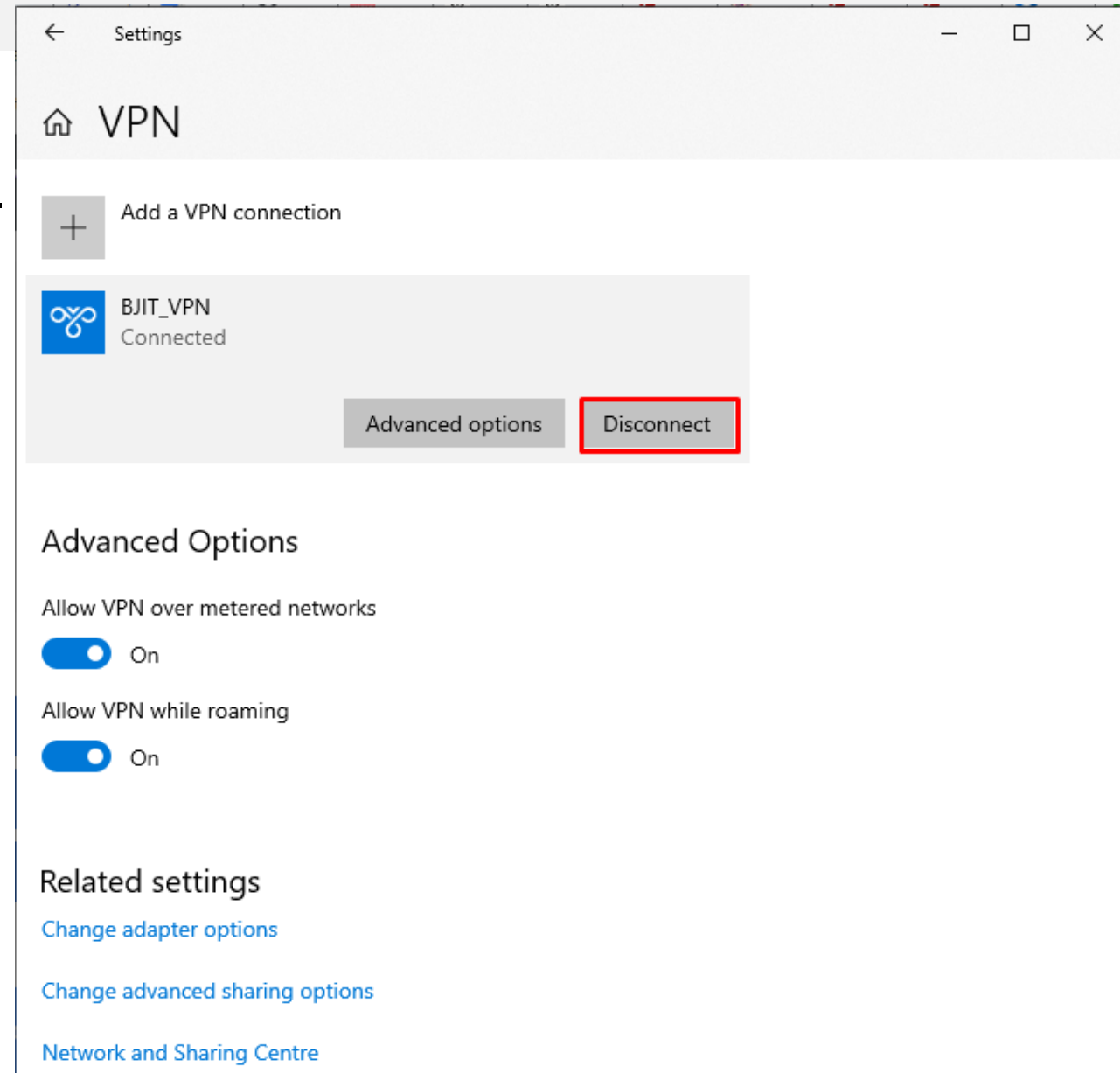
Click on your created VPN then click on **Connect**.



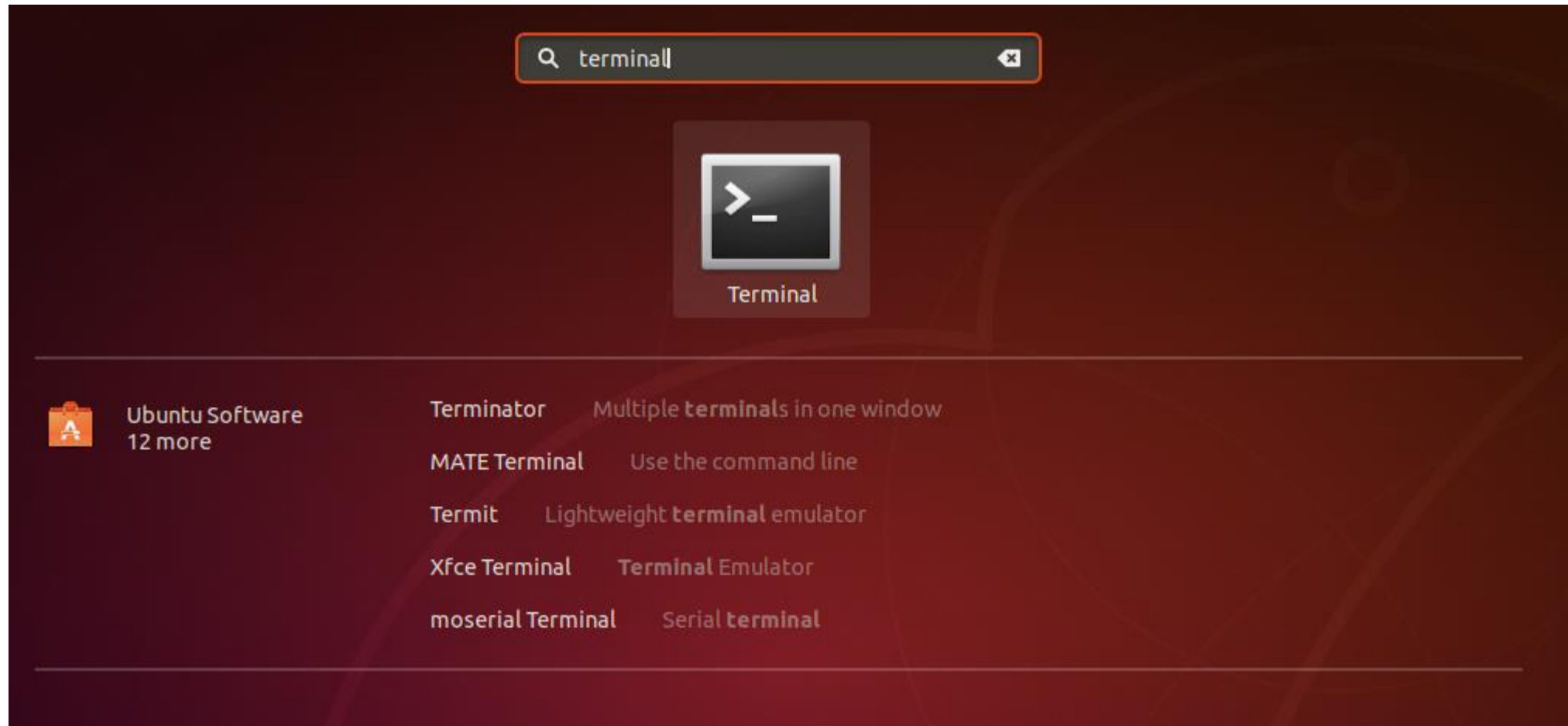


The VPN is connected now.

You can disconnected by clicking on **Disconnect**.



Open the "Terminal"

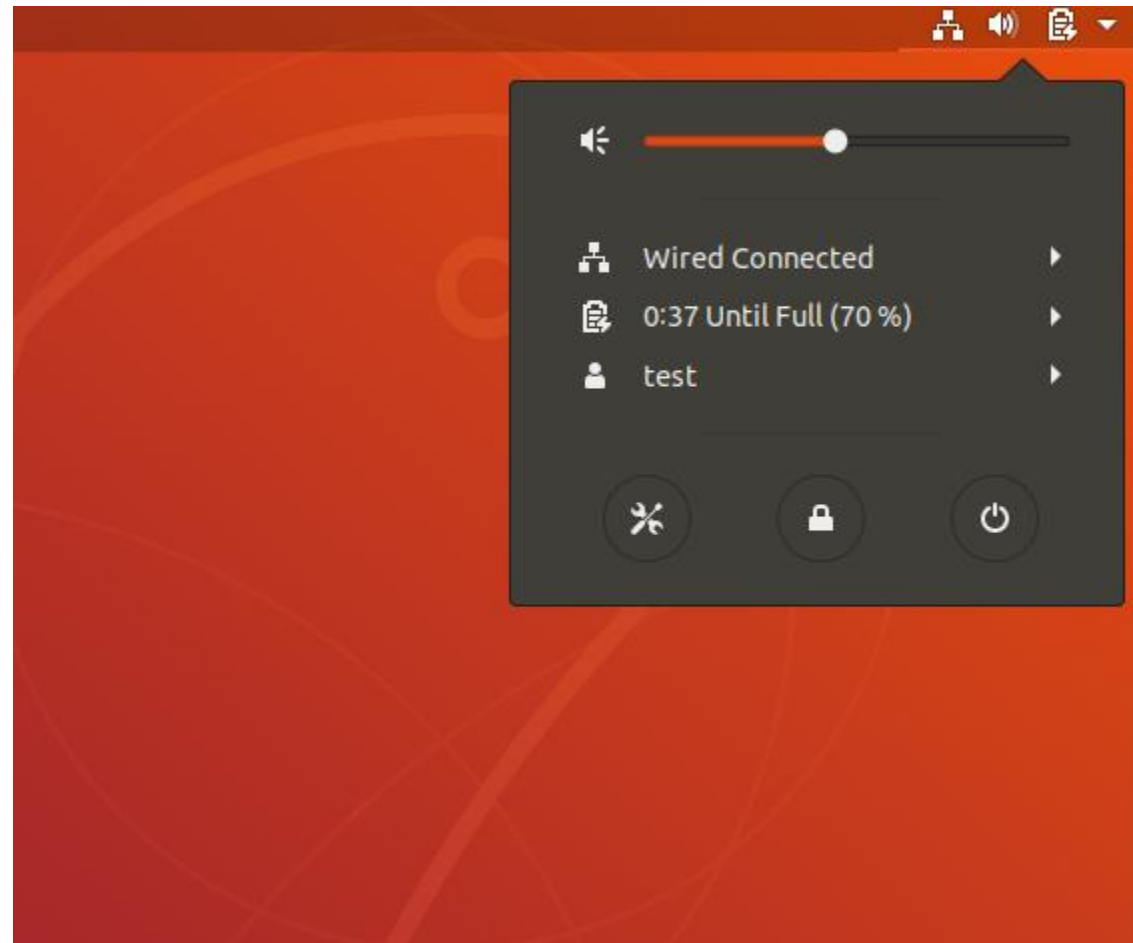




To install L2TP dependencies type following commands one by one:

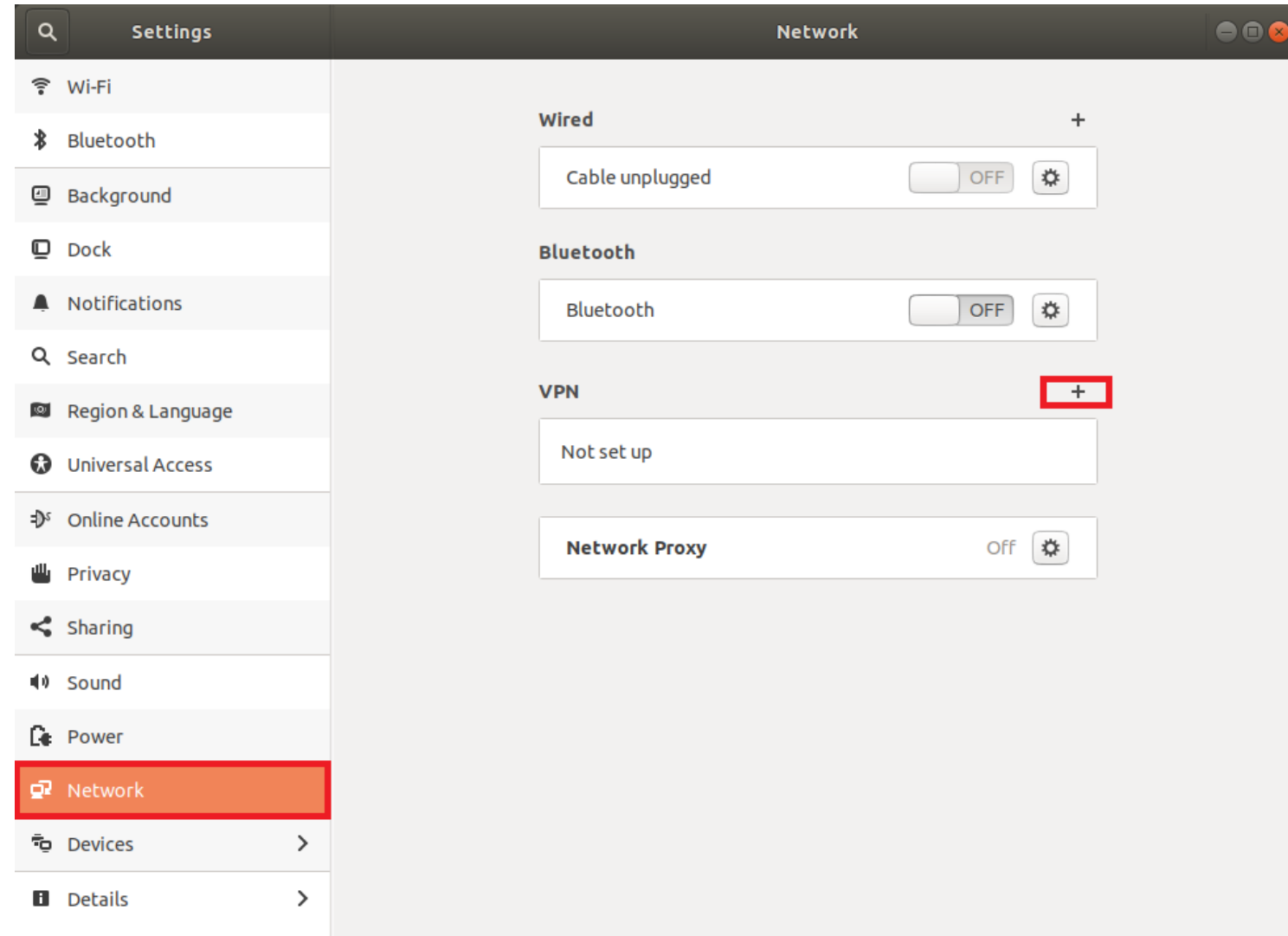
```
sudo apt-get update  
sudo apt-get install network-manager-l2tp  
sudo apt-get install network-manager-l2tp-gnome
```

Click on the "Network" icon in top right corner and choose Settings button in bottom left corner

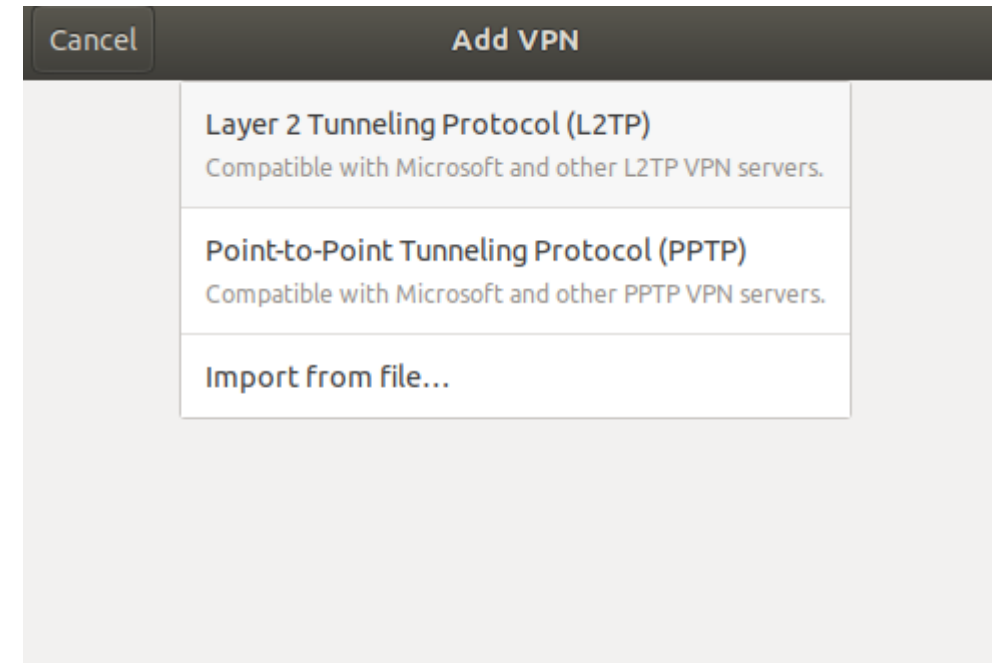


Click on **Network**

On VPN section click “+”

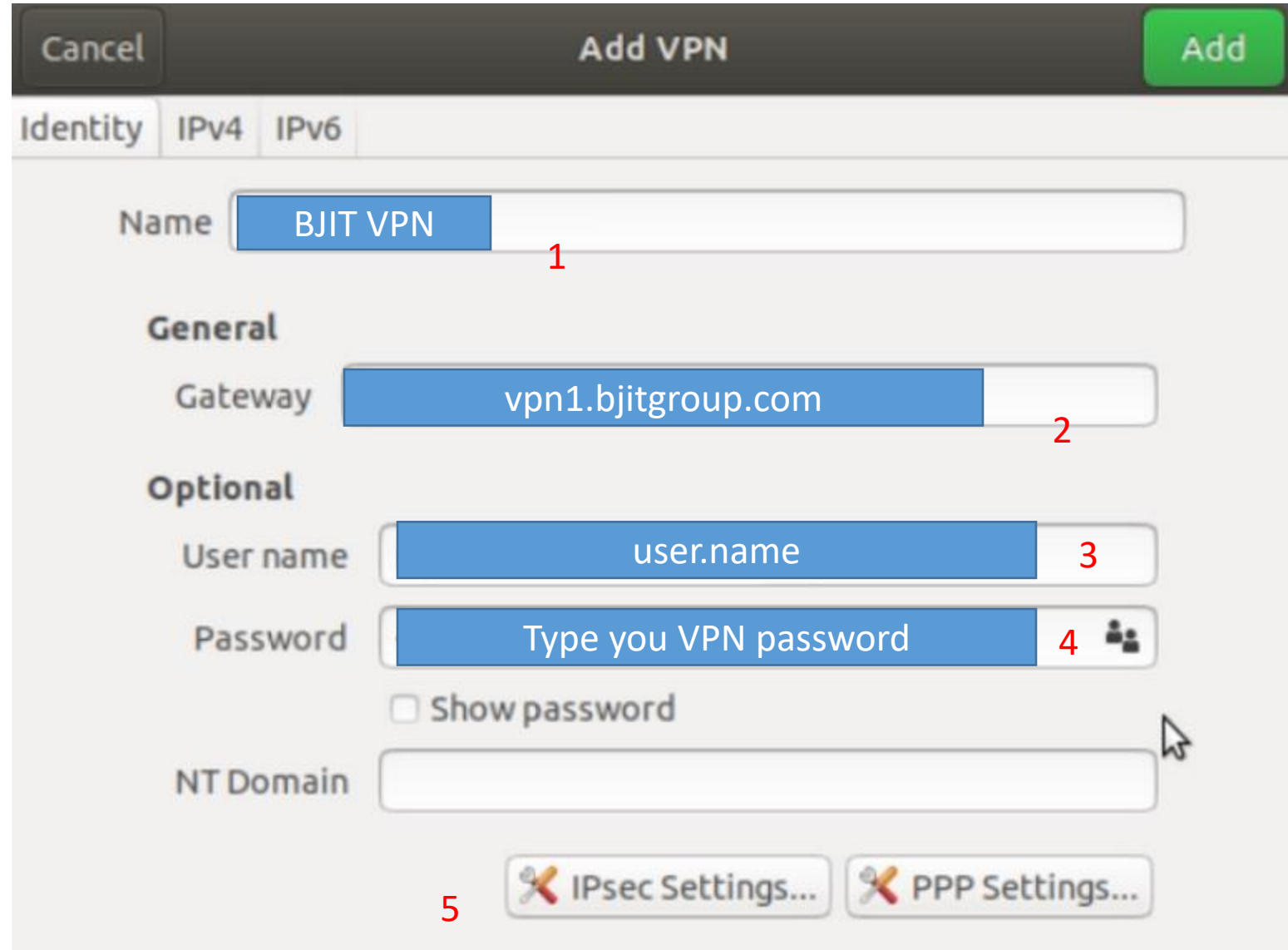


Select "**Layer 2 Tunneling Protocol (L2TP)**" as your connection type



Fill up the following filed.

1. Name: BJIT VPN
2. Gateway: vpn1.bjitgroup.com
3. User name: Your LDAP ID.
4. Password: Type you VPN password
5. Click on **IPsec Settings...**



Cancel Add VPN Add

Identity IPv4 IPv6


Name BJIT VPN 1

General

Gateway vpn1.bjitgroup.com 2



Optional

User name user.name 3

Password Type you VPN password 4 

☐ Show password

NT Domain

5  IPsec Settings...  PPP Settings...

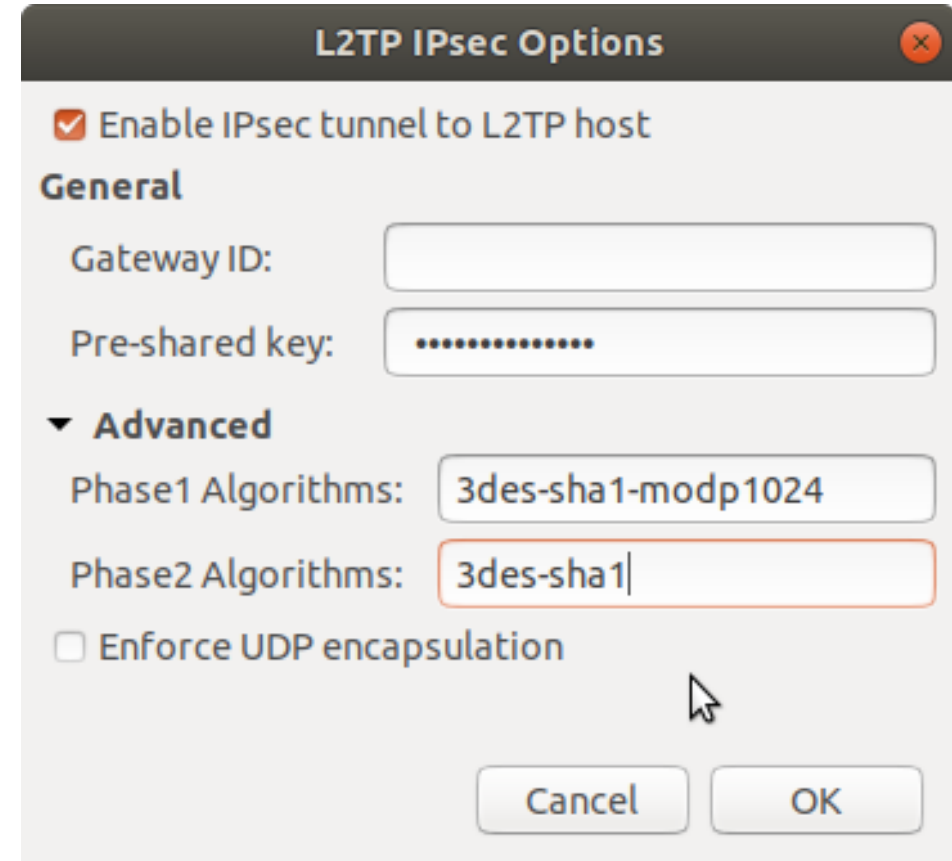
Tick "**Enable IPsec tunnel to L2TP host**" and enter Pre-shared key: "***bjit@2018***".

Then specify connection algorithms in **Advanced** section:

phase 1: **3des-sha1-modp1024**

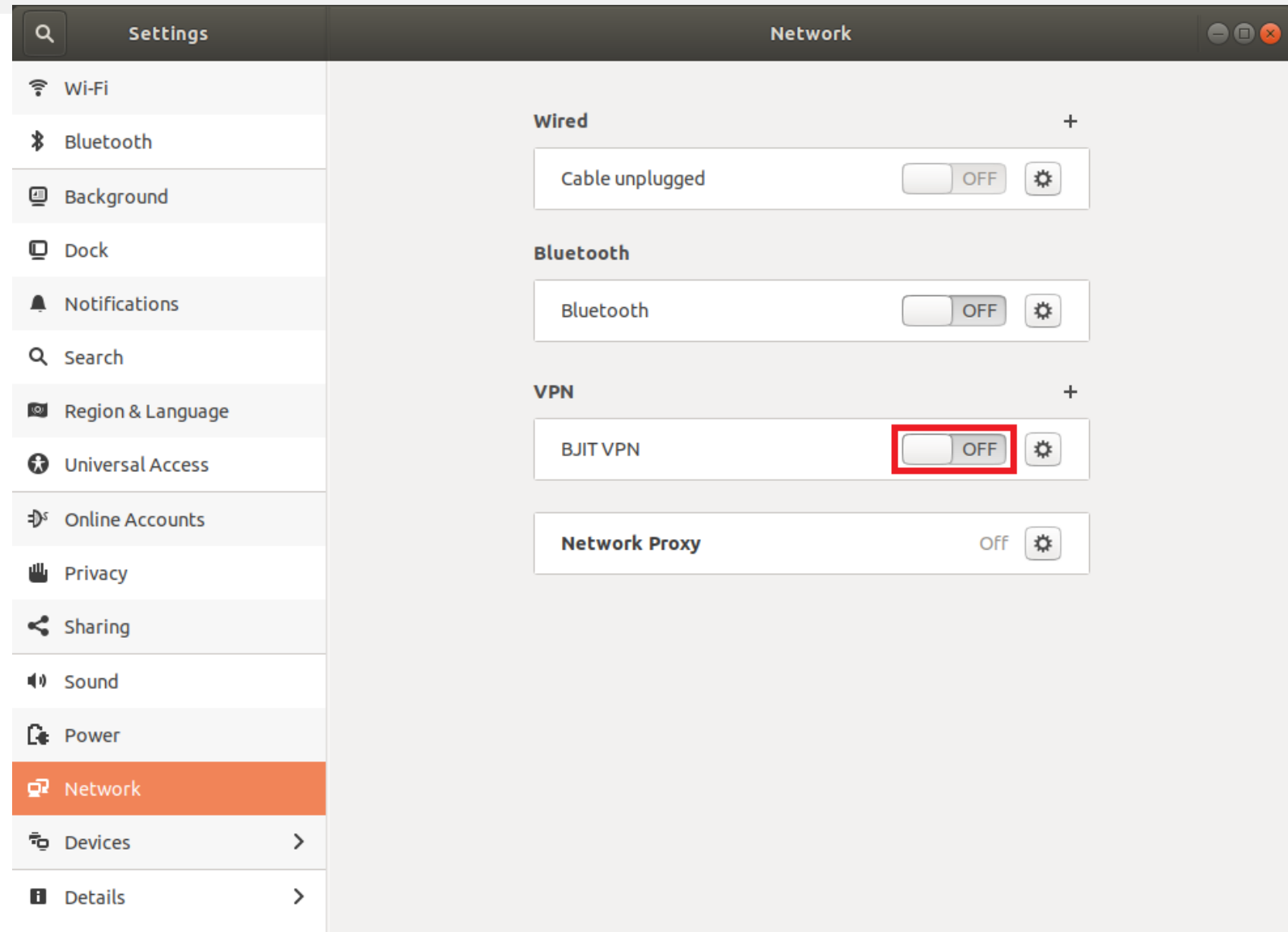
phase 2: **3des-sha1**

Click "**OK**" and then click "**Add**" in the top right corner

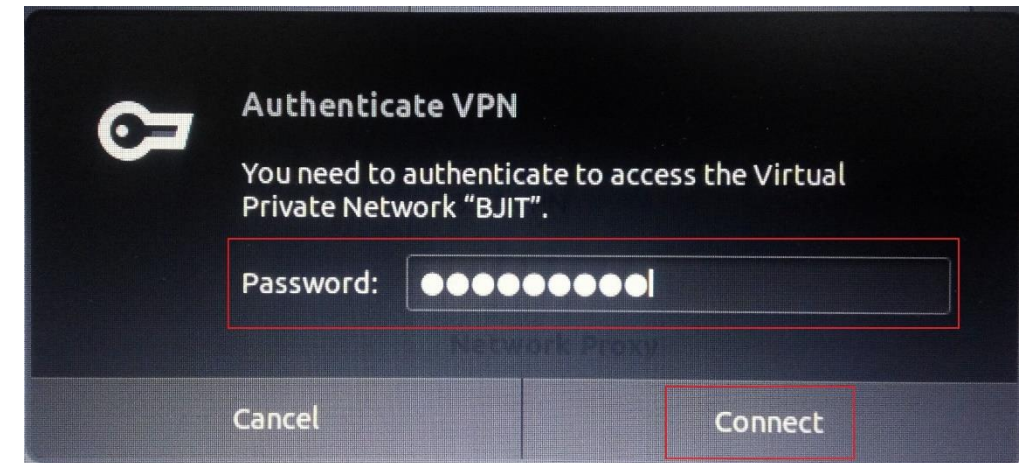


The screenshot shows the "L2TP IPsec Options" dialog box. At the top, there is a checkbox labeled "Enable IPsec tunnel to L2TP host" which is checked. Below this, the "General" section contains two text input fields: "Gateway ID:" (empty) and "Pre-shared key:" (filled with dots). The "Advanced" section is expanded, showing two text input fields: "Phase1 Algorithms:" (containing "3des-sha1-modp1024") and "Phase2 Algorithms:" (containing "3des-sha1"). Below these is an unchecked checkbox labeled "Enforce UDP encapsulation". At the bottom right, there are two buttons: "Cancel" and "OK". A mouse cursor is pointing at the "OK" button.

The VPN is ready to connect.
You can connect VPN by clicking
ON/OFF Button.

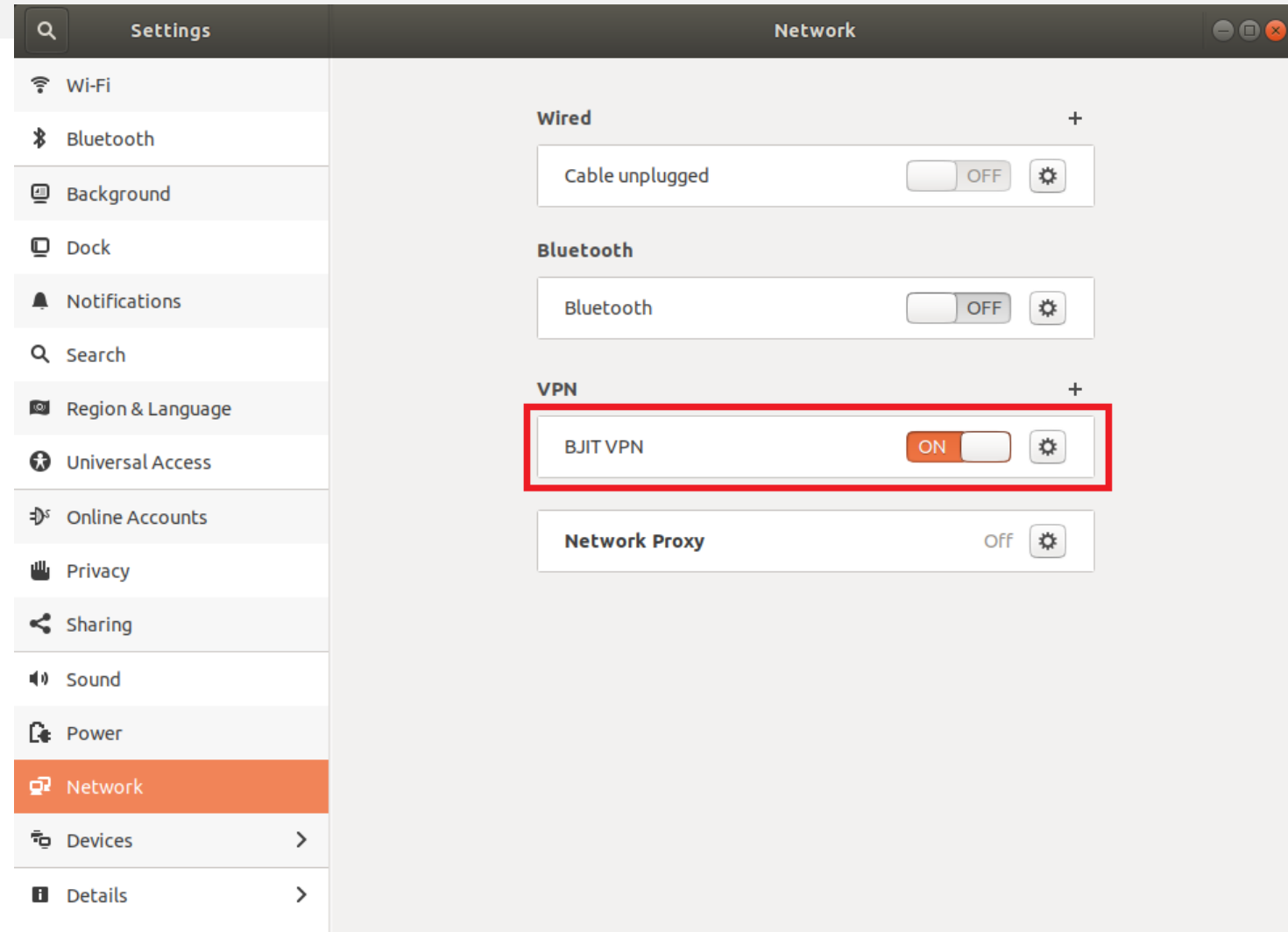


Type your password then click on connect.



The VPN is now connected.

You can disconnected VPN by clicking ON/OFF Button



*Thank
You!*