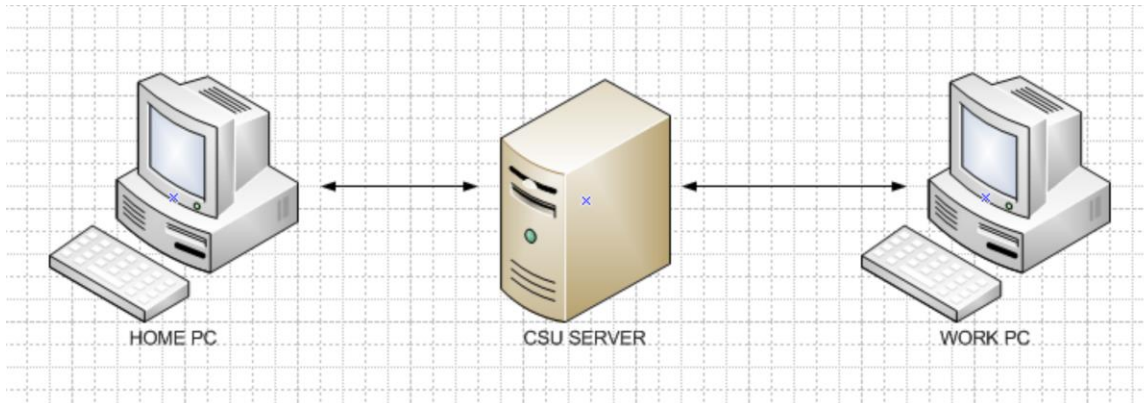




# VPN Client Installation for Linux

7/25/2017

CSU is using OpenVPN to create a Virtual Private Network (VPN). VPN is a network that uses the Internet to provide individual users with secure access to an organization's network (in this case, CSU's network).



## Step 1

To install the OpenVPN client, on the computer you will be using to remotely connect to your CSU computer (usually your home computer), open a web browser and go to <https://openvpn.csuohio.edu>

Enter your 7 digit CSU ID number in the 'Username' field. Enter your Password in the 'Password' field and choose 'Login' from the dropdown. Click on 'Go'.

The screenshot shows the OpenVPN Connect website in a Google Chrome browser. The URL bar shows <https://openvpn.csuohio.edu/?src=connect>. The website features a login form with the following fields and buttons:

- Username:** A text input field with an annotation: "Enter your CSU ID."
- Password:** A password input field with an annotation: "Enter your Password."
- Login:** A dropdown menu with an annotation: "Choose 'Login'".
- Go:** A blue button with an annotation: "Click on 'Go'".



## Step 2

**OPENVPN™**

**Connect** **Logout**

To download the OpenVPN Connect app, please choose a platform below:

- [OpenVPN Connect for Windows](#)
- [OpenVPN Connect for Mac OS X](#)
- [OpenVPN Connect for Android](#)
- [OpenVPN Connect for iOS](#)
- [OpenVPN for Linux](#)

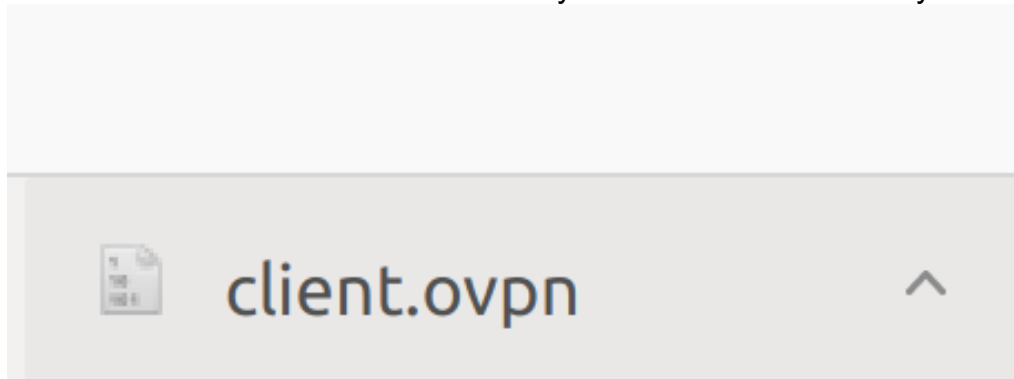
Connection profiles can be downloaded for:

- [Yourself \(user-locked profile\)](#)

Click on the yourself button

## Step 3

The file will download and be saved to your 'Downloads' folder by default

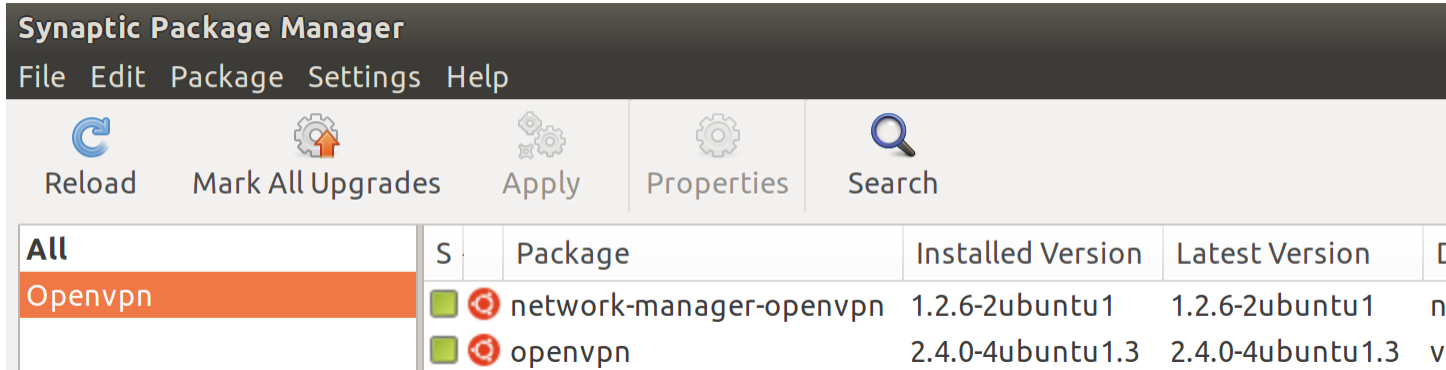




### Step 4 – Open up Synaptic Package Manger

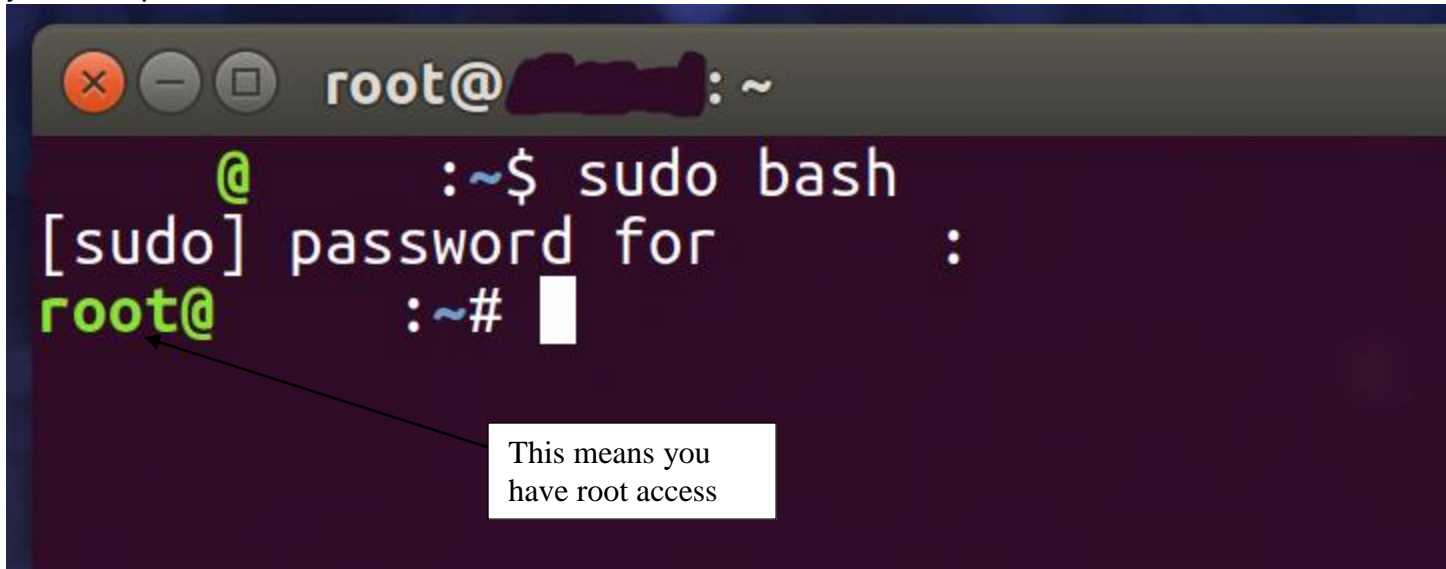
Click on the 'search' button.

Type in 'openvpn' and select these two packages to install. After installation you can close out of Synaptic.



### Step 5 – Open up the terminal

Make sure you have root privileges if not sure run the command 'sudo bash' and type in your root password.





## Step 6

After gaining root access run the command 'cd Downloads'. If the file we previously is not in the 'Downloads' folder replace it with the correct location. EX: "cd Documents' or 'cd Desktop'

After doing so run the command 'openvpn client.ovpn' and you will be prompted to enter your CSU ID and password

```
root@ [REDACTED]: ~/Downloads
root@ :~# cd Downloads
root@ :~/Downloads# openvpn client.ovpn
Tue Jul 25 12:03:57 2017 OpenVPN 2.4.0 x86_64-pc-linux-gnu [SSL (OpenSSL)] [LZO]
[LZ4] [EPOLL] [PKCS11] [MH/PKTINFO] [AEAD] built on Jun 22 2017
Tue Jul 25 12:03:57 2017 library versions: OpenSSL 1.0.2g 1 Mar 2016, LZO 2.08
Enter Auth Username: █
```

## Step 7

After doing, so wait a few moments and at the very bottom you should see 'Initialization Sequence Completed'. You are successfully connected to the VPN.

```
.1
Tue Jul 25 12:04:46 2017 Initialization Sequence Completed
█
```

## Reporting Problems

If you have any problems during the installation or use of the VPN client, please email [security@csuohio.edu](mailto:security@csuohio.edu) and include a thorough description of the problem (attaching screen prints would be helpful).