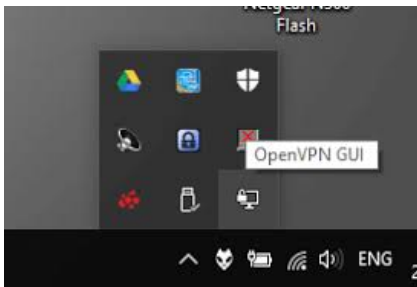


# Documentation for OpenVPN SetUp

## Windows:

1. Download window installer from:  
<https://swupdate.openvpn.org/community/releases/OpenVPN-2.5.1-I601-amd64.msi>
2. Run the downloaded installer as administrator
3. You will see an icon in the bottom right corner ( on your taskbar)



4. Right click on the icon and click the import file
5. Choose the neuron lab .opvn config file
6. Right click on same icon and click on connect
7. Input your openvpn credentials for neuron labs
8. Wait for a while , it will take upto 2-3 minutes to connect

## Mac:

1. Download openvpn from: <https://openvpn.net/vpn-client/>
2. Install the downloaded file
3. Open the .ovpn fill and it will be imported to openvpn application
4. On your notification Area, openvpn application is added click on it and connect to vpn, It will ask you the username and password
5. After a few minutes you will get it connected

**or**

1. Install Tunnelblick client in your Mac system
2. Open the .ovpn fill and it will be imported to Tunnelblick

3. On your notification Area, Tunnelblick is added click on it and connect to vpn, It will ask you the username and password, enter details
4. After a few minutes you will get it connected.

## Linux:

1. Install openvpn on your machine: `sudo apt-get install openvpn`
2. Download the provided openvpn file for Neuron Labs
3. `cd Downloads`
4. `sudo openvpn --config <neuron-lab__ssl_vpn_config file>`
5. Input your openvpn credentials for neuron labs
6. The following output will be shown, If the vpn is connected

```
root@host601-s23:/home/xs025-richar/Downloads#
root@host601-s23:/home/xs025-richar/Downloads# openvpn --config neuron-lab__ssl_vpn_config.ovpn
GNU bash, version 4.4.19(1)-release (x86_64-pc-linux-gnu)
root@host601-s23:/home/xs025-richar/Downloads# openvpn --config neuron-lab__ssl_vpn_config.ovpn
Tue Apr 20 15:13:26 2021 OpenVPN 2.4.4 x86_64-pc-linux-gnu [SSL (OpenSSL)] [LZO] [LZ4] [EPOLL] [
Tue Apr 20 15:13:26 2021 library versions: OpenSSL 1.1.1 11 Sep 2018, LZO 2.08
Enter Auth Username: neuron-lab
Enter Auth Password: *****
Tue Apr 20 15:14:48 2021 TCP/UDP: Preserving recently used remote address: [AF_INET]203.129.220.
Tue Apr 20 15:14:48 2021 Socket Buffers: R=[212992->212992] S=[212992->212992]
Tue Apr 20 15:14:48 2021 UDP link local: (not bound)
Tue Apr 20 15:14:48 2021 UDP link remote: [AF_INET]203.129.220.58:8443
Tue Apr 20 15:14:48 2021 TLS: Initial packet from [AF_INET]203.129.220.58:8443, sid=b5ae5071 067
Tue Apr 20 15:14:48 2021 WARNING: this configuration may cache passwords in memory -- use the au
Tue Apr 20 15:14:48 2021 VERIFY OK: depth=1, C=IN, ST=NA, L=NA, O=STPI Mohali, OU=OU, CN=Sophos
Tue Apr 20 15:14:48 2021 VERIFY X509NAME OK: C=IN, ST=NA, L=NA, O=STPI Mohali, OU=OU, CN=SophosA
Tue Apr 20 15:14:48 2021 VERIFY OK: depth=0, C=IN, ST=NA, L=NA, O=STPI Mohali, OU=OU, CN=SophosA
Tue Apr 20 15:14:49 2021 Control Channel: TLSv1.2, cipher TLSv1.2 DHE-RSA-AES256-GCM-SHA384, 204
Tue Apr 20 15:14:49 2021 [SophosApplianceCertificate_C4207A24DFH836E] Peer Connection Initiated
Tue Apr 20 15:14:50 2021 SENT CONTROL [SophosApplianceCertificate_C4207A24DFH836E]: 'PUSH_REQUEST
Tue Apr 20 15:14:50 2021 PUSH: Received control message: 'PUSH_REPLY,route-gateway 192.168.200.1
st 255.255.255.255 net_gateway,inactive 900 7680,dhcp-option DNS 8.8.8.8,ifconfig 192.168.200.2
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: timers and/or timeouts modified
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: --sndbuf/--rcvbuf options modified
Tue Apr 20 15:14:50 2021 Socket Buffers: R=[212992->212992] S=[212992->212992]
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: --ifconfig/up options modified
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: route options modified
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: route-related options modified
Tue Apr 20 15:14:50 2021 OPTIONS IMPORT: --ip-win32 and/or --dhcp-option options modified
Tue Apr 20 15:14:50 2021 Outgoing Data Channel: Cipher 'AES-256-CBC' initialized with 256 bit ke
Tue Apr 20 15:14:50 2021 Outgoing Data Channel: Using 512 bit message hash 'SHA512' for HMAC aut
Tue Apr 20 15:14:50 2021 Incoming Data Channel: Cipher 'AES-256-CBC' initialized with 256 bit ke
Tue Apr 20 15:14:50 2021 Incoming Data Channel: Using 512 bit message hash 'SHA512' for HMAC aut
Tue Apr 20 15:14:50 2021 ROUTE_GATEWAY 10.0.0.1/255.255.255.0 IFACE=enp2s0 HWADDR=70:b5:e8:41:02
Tue Apr 20 15:14:50 2021 TUN/TAP device tun0 opened
Tue Apr 20 15:14:50 2021 TUN/TAP TX queue length set to 100
Tue Apr 20 15:14:50 2021 do_ifconfig, tt->did_ifconfig_ipv6_setup=0
Tue Apr 20 15:14:50 2021 /sbin/ip link set dev tun0 up mtu 1500
Tue Apr 20 15:14:50 2021 /sbin/ip addr add dev tun0 192.168.200.2/21 broadcast 192.168.207.255
Tue Apr 20 15:14:54 2021 /sbin/ip route add 203.129.220.58/32 via 10.0.0.1
Tue Apr 20 15:14:54 2021 /sbin/ip route add 0.0.0.0/1 via 192.168.200.1
Tue Apr 20 15:14:54 2021 /sbin/ip route add 128.0.0.0/1 via 192.168.200.1
Tue Apr 20 15:14:54 2021 /sbin/ip route add 203.129.220.58/32 via 10.0.0.1
RTNETLINK answers: File exists
Tue Apr 20 15:14:54 2021 ERROR: Linux route add command failed: external program exited with err
Tue Apr 20 15:14:54 2021 /sbin/ip route add 203.129.220.58/32 via 10.0.0.1
RTNETLINK answers: File exists
Tue Apr 20 15:14:54 2021 ERROR: Linux route add command failed: external program exited with err
Tue Apr 20 15:14:54 2021 Initialization Sequence Completed
```