

In this tutorial, you will learn how to set up the OpenVPN app on your Linux device. This method is a proven way to easily connect to the VPN from countries with internet restrictions like China, UAE, Russia, etc.

You will learn how to:

- **Get your credentials**
- **Install the OpenVPN package**
- **Download the configuration files**
- **Connect to the VPN**

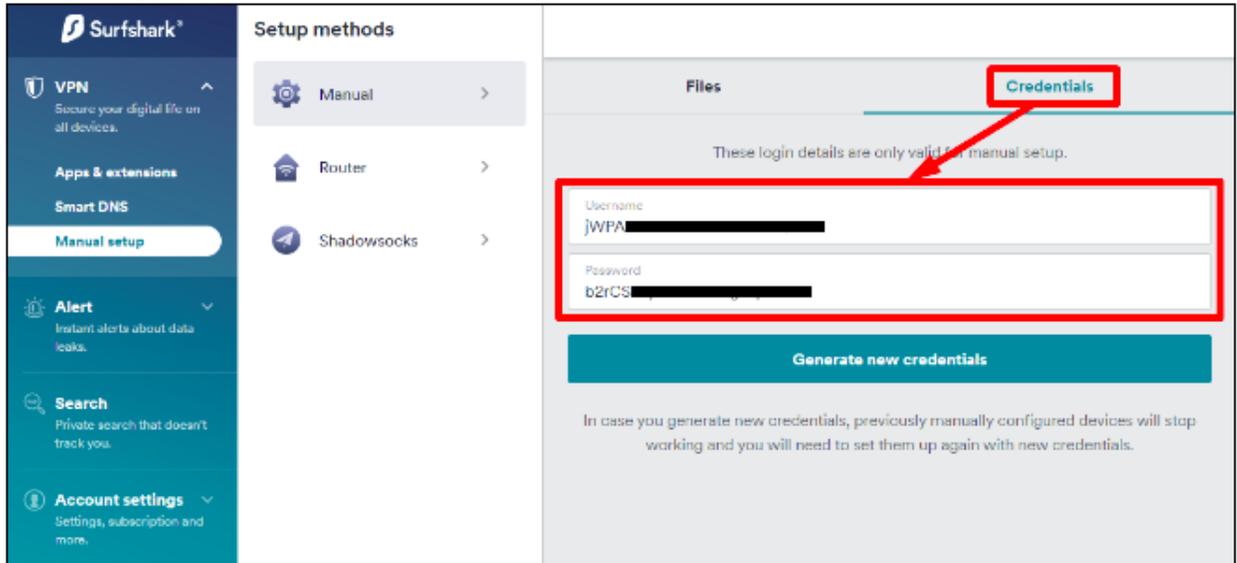
You will need a device running Linux operating system and an active Surfshark subscription. If you don't have the subscription yet, you can get it [here](#).

### **Get your credentials**

1. Please visit [surfshark.com](https://surfshark.com) and log in to your account. [You can find the direct link here](#).

In case this link doesn't work, please [try this page](#) instead.

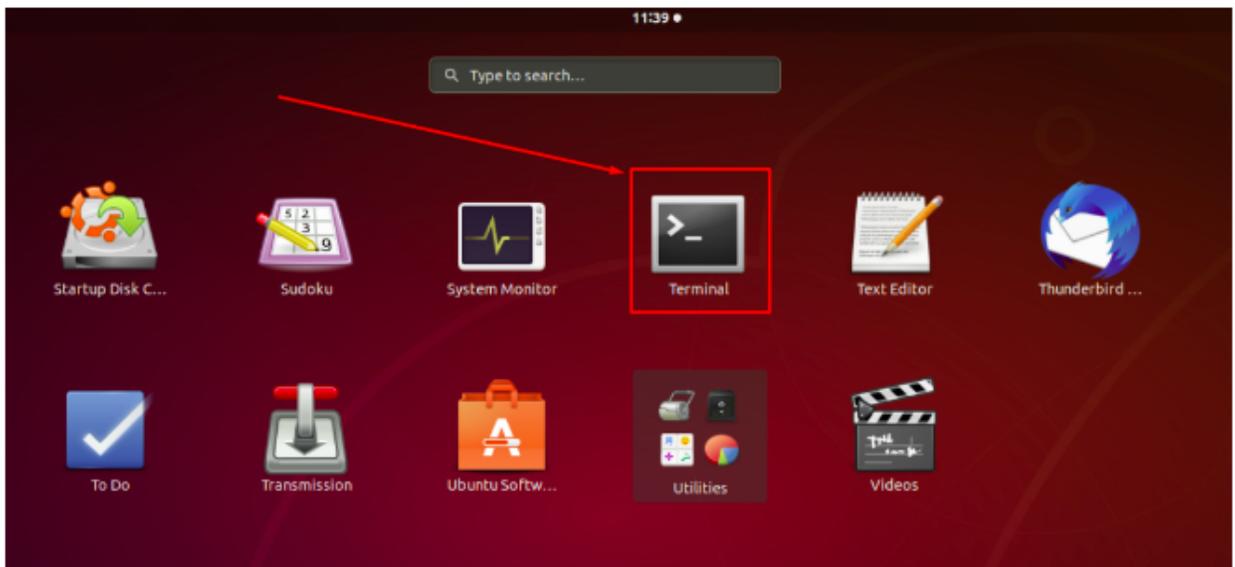
2. Go to the **VPN -> Manual setup -> Manual -> Credentials** and copy the **Username** and the **Password**.



## Install the OpenVPN package

1. Open the terminal window.

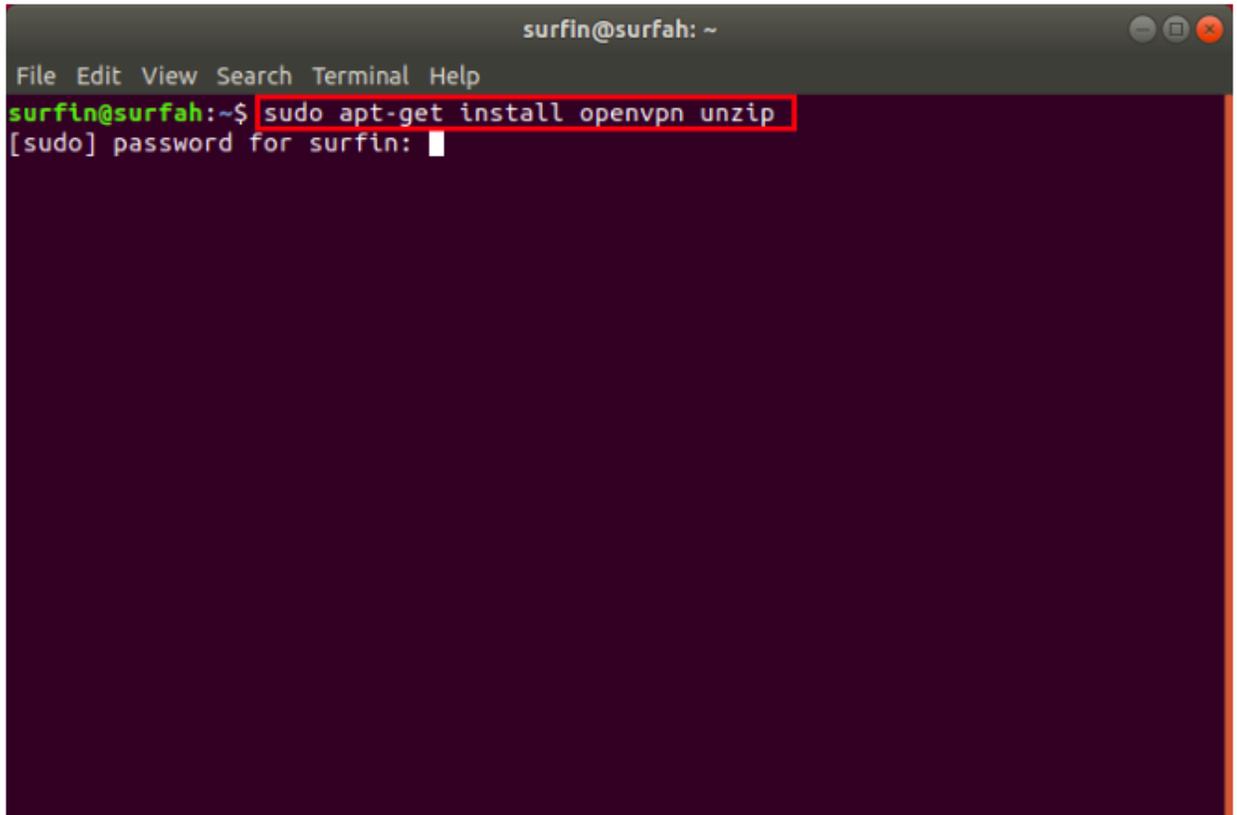
You can do that by pressing **Ctrl+Alt+T** keys or navigating to it through your apps menu.



2. Enter this command to install all the necessary packages:

**sudo apt-get install openvpn unzip**

You may need to enter your computer password to confirm this process. In such a case, enter the password and press **Enter**.

A terminal window titled 'surfin@surfah: ~' with a menu bar containing 'File Edit View Search Terminal Help'. The terminal shows the command 'sudo apt-get install openvpn unzip' being entered, which is highlighted with a red box. Below it, the prompt '[sudo] password for surfin:' is visible with a white cursor character. The terminal background is dark purple.

```
surfin@surfah: ~  
File Edit View Search Terminal Help  
surfin@surfah:~$ sudo apt-get install openvpn unzip  
[sudo] password for surfin: █
```

## Download the configuration files

1. Navigate to the OpenVPN directory. You can do that by entering this command:

**cd /etc/openvpn**

```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
surfin@surfah:~$ sudo apt-get install openvpn unzip
[sudo] password for surfin:
Reading package lists... Done
Building dependency tree
Reading state information... Done
unzip is already the newest version (6.0-21ubuntu1).
openvpn is already the newest version (2.4.4-2ubuntu1.3).
0 upgraded, 0 newly installed, 0 to remove and 110 not upgraded.
surfin@surfah:~$ cd /etc/openvpn
surfin@surfah:/etc/openvpn$
```

2. Download the Surfshark OpenVPN configuration files:

**sudo wget**

**[https://surfshark.zendesk.com/hc/article\\_attachments/360018527519/configuration\\_s.zip](https://surfshark.zendesk.com/hc/article_attachments/360018527519/configuration_s.zip)**



```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
surfin@surfah:/etc/openvpn$ sudo unzip configurations
Archive:  configurations
  inflating: al-tia.prod.surfshark.com_tcp.ovpn
  inflating: al-tia.prod.surfshark.com_udp.ovpn
  inflating: au-adl.prod.surfshark.com_tcp.ovpn
  inflating: au-adl.prod.surfshark.com_udp.ovpn
  inflating: au-per.prod.surfshark.com_tcp.ovpn
  inflating: au-per.prod.surfshark.com_udp.ovpn
  inflating: au-bne.prod.surfshark.com_tcp.ovpn
  inflating: au-bne.prod.surfshark.com_udp.ovpn
  inflating: au-mel.prod.surfshark.com_tcp.ovpn
  inflating: au-mel.prod.surfshark.com_udp.ovpn
  inflating: au-syd.prod.surfshark.com_tcp.ovpn
  inflating: au-syd.prod.surfshark.com_udp.ovpn
  inflating: at-vie.prod.surfshark.com_tcp.ovpn
  inflating: at-vie.prod.surfshark.com_udp.ovpn
  inflating: az-bak.prod.surfshark.com_tcp.ovpn
  inflating: az-bak.prod.surfshark.com_udp.ovpn
  inflating: be-bru.prod.surfshark.com_tcp.ovpn
  inflating: be-bru.prod.surfshark.com_udp.ovpn
  inflating: ba-sjj.prod.surfshark.com_tcp.ovpn
  inflating: ba-sjj.prod.surfshark.com_udp.ovpn
  inflating: br-sao.prod.surfshark.com_tcp.ovpn
```

4. To see the list of all the available servers, enter:

**ls**

```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
surfin@surfah: /etc/openvpn$ ls
ae-dub.prod.surfshark.com_tcp.ovpn
ae-dub.prod.surfshark.com_udp.ovpn
al-tia.prod.surfshark.com_tcp.ovpn
al-tia.prod.surfshark.com_udp.ovpn
at-vie.prod.surfshark.com_tcp.ovpn
at-vie.prod.surfshark.com_udp.ovpn
au-adl.prod.surfshark.com_tcp.ovpn
au-adl.prod.surfshark.com_udp.ovpn
au-bne.prod.surfshark.com_tcp.ovpn
au-bne.prod.surfshark.com_udp.ovpn
au-mel.prod.surfshark.com_tcp.ovpn
au-mel.prod.surfshark.com_udp.ovpn
au-per.prod.surfshark.com_tcp.ovpn
au-per.prod.surfshark.com_udp.ovpn
au-syd.prod.surfshark.com_tcp.ovpn
au-syd.prod.surfshark.com_udp.ovpn
az-bak.prod.surfshark.com_tcp.ovpn
az-bak.prod.surfshark.com_udp.ovpn
ba-sjj.prod.surfshark.com_tcp.ovpn
ba-sjj.prod.surfshark.com_udp.ovpn
be-bru.prod.surfshark.com_tcp.ovpn
be-bru.prod.surfshark.com_udp.ovpn
bg-sof.prod.surfshark.com_tcp.ovpn
bg-sof.prod.surfshark.com_udp.ovpn
```

## Connect to the VPN

1. Choose one server from the list you want to connect to and copy the hostname (URL) representing this server's hostname.



```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
us-nyc-st003.prod.surfshark.com_tcp.ovpn
us-nyc-st003.prod.surfshark.com_udp.ovpn
us-nyc-st004.prod.surfshark.com_tcp.ovpn
us-nyc-st004.prod.surfshark.com_udp.ovpn
us-nyc-st005.prod.surfshark.com_tcp.ovpn
us-nyc-st005.prod.surfshark.com_udp.ovpn
us-orl.prod.surfshark.com_tcp.ovpn
us-orl.prod.surfshark.com_udp.ovpn
us-phx.prod.surfshark.com_tcp.ovpn
us-phx.prod.surfshark.com_udp.ovpn
us-sea.prod.surfshark.com_tcp.ovpn
us-sea.prod.surfshark.com_udp.ovpn
us-sfo.prod.surfshark.com_tcp.ovpn
us-sfo.prod.surfshark.com_udp.ovpn
us-slc.prod.surfshark.com_tcp.ovpn
us-slc.prod.surfshark.com_udp.ovpn
us-stl.prod.surfshark.com_tcp.ovpn
us-stl.prod.surfshark.com_udp.ovpn
us-tpa.prod.surfshark.com_tcp.ovpn
us-tpa.prod.surfshark.com_udp.ovpn
vn-hcm.prod.surfshark.com_tcp.ovpn
vn-hcm.prod.surfshark.com_udp.ovpn
za-jnb.prod.surfshark.com_tcp.ovpn
za-jnb.prod.surfshark.com_udp.ovpn
surfin@surfah: /etc/openvpn$ sudo openvpn us-slc.prod.surfshark.com_udp.ovpn
```

3. Before connecting to the server, you should enter Surfshark service credentials.

These are the credentials you collected in the **'Get your credentials'** part. Then press **enter**.

```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
us-nyc-st005.prod.surfshark.com_udp.ovpn
us-orl.prod.surfshark.com_tcp.ovpn
us-orl.prod.surfshark.com_udp.ovpn
us-phx.prod.surfshark.com_tcp.ovpn
us-phx.prod.surfshark.com_udp.ovpn
us-sea.prod.surfshark.com_tcp.ovpn
us-sea.prod.surfshark.com_udp.ovpn
us-sfo.prod.surfshark.com_tcp.ovpn
us-sfo.prod.surfshark.com_udp.ovpn
us-slc.prod.surfshark.com_tcp.ovpn
us-slc.prod.surfshark.com_udp.ovpn
us-stl.prod.surfshark.com_tcp.ovpn
us-stl.prod.surfshark.com_udp.ovpn
us-tpa.prod.surfshark.com_tcp.ovpn
us-tpa.prod.surfshark.com_udp.ovpn
vn-hcm.prod.surfshark.com_tcp.ovpn
vn-hcm.prod.surfshark.com_udp.ovpn
za-jnb.prod.surfshark.com_tcp.ovpn
za-jnb.prod.surfshark.com_udp.ovpn
surfin@surfah:/etc/openvpn$ sudo openvpn us-slc.prod.surfshark.com_udp.ovpn
12:41:40 2020 OpenVPN 2.4.4 x86_64-pc-linux-gnu [SSL (OpenSSL)] [LZO]
[LZ4] [EPOLL] [PKCS11] [MH/PKTINFO] [AEAD] built on May 14 2019
12:41:40 2020 library versions: OpenSSL 1.1.1 11 Sep 2018, LZO 2.08
Enter Auth Username: fLw9TfyPZREep2n9ZYCVxDYs
Enter Auth Password: *****
```

4. Can you see the **'Initialization Sequence Completed'** line in your terminal?  
Great! This means you have successfully connected to Surfshark!

```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
12:43:55 2020 OPTIONS IMPORT: route-related options modified
12:43:55 2020 OPTIONS IMPORT: --ip-win32 and/or --dhcp-option options
modified
12:43:55 2020 OPTIONS IMPORT: peer-id set
12:43:55 2020 OPTIONS IMPORT: adjusting link_mtu to 1656
12:43:55 2020 OPTIONS IMPORT: data channel crypto options modified
12:43:55 2020 Data Channel: using negotiated cipher 'AES-256-GCM'
12:43:55 2020 Outgoing Data Channel: Cipher 'AES-256-GCM' initialized
with 256 bit key
12:43:55 2020 Incoming Data Channel: Cipher 'AES-256-GCM' initialized
with 256 bit key
12:43:55 2020 ROUTE_GATEWAY 192.168.10.8 /255.255.255.0 IFACE=enp0s1
7 HWADDR=08
12:43:55 2020 TUN/TAP device tun0 opened
12:43:55 2020 TUN/TAP TX queue length set to 100
12:43:55 2020 do_ifconfig, tt->did_ifconfig_ipv6_setup=0
12:43:55 2020 /sbin/ip link set dev tun0 up mtu 1500
12:43:55 2020 /sbin/ip addr add dev tun0 10.8.8.7/24 broadcast 10.8.8
.255
12:43:55 2020 /sbin/ip route add 0.0.0.0/1 via 10.8.8.1
12:43:55 2020 /sbin/ip route add 128.0.0.0/1 via 10.8.8.1
12:43:55 2020 Initialization Sequence Completed
```

5. To disconnect from the OpenVPN connection, open the terminal and press **Ctrl + C**.

```
surfin@surfah: /etc/openvpn
File Edit View Search Terminal Help
12:43:55 2020 TUN/TAP device tun0 opened
12:43:55 2020 TUN/TAP TX queue length set to 100
12:43:55 2020 do_ifconfig, tt->did_ifconfig_ipv6_setup=0
12:43:55 2020 /sbin/ip link set dev tun0 up mtu 1500
12:43:55 2020 /sbin/ip addr add dev tun0 10.8.8.7/24 broadcast 10.8.8
.255
12:43:55 2020 /sbin/ip route
0
12:43:55 2020 /sbin/ip route add 0.0.0.0/1 via 10.8.8.1
12:43:55 2020 /sbin/ip route add 128.0.0.0/1 via 10.8.8.1
12:43:55 2020 Initialization Sequence Completed
^C 29 12:45:44 2020 event_wait : Interrupted system call (code=4)
12:45:44 2020 SIGTERM received, sending exit notification to peer
12:45:45 2020 /sbin/ip route del 104.200.131.165/32
12:45:45 2020 /sbin/ip route del 0.0.0.0/1
12:45:45 2020 /sbin/ip route del 128.0.0.0/1
12:45:45 2020 Closing TUN/TAP interface
12:45:45 2020 /sbin/ip addr del dev tun0 10.8.8.7/24
12:45:45 2020 SIGTERM[soft,exit-with-notification] received, process
exiting
surfin@surfah:/etc/openvpn$
```

Congratulations - you have successfully installed and configured the OpenVPN connection on your Linux device! As long as you're connected, your location is private, and your sensitive data is secure.

If you have any further questions, our customer success team is here to help you 24/7 over live chat or [email](#).