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在本教程中，您将学习如何在 Linux 设备上设置 OpenVPN 应用程序。这种方法是一种行之有效的方法，可以从中国、阿联酋、俄罗斯等具有互联网限制的国家/地区轻松连接到 VPN。

您将学到如何：

- [获取您的凭据](#)
- [安装 OpenVPN 包](#)
- [下载配置文件](#)
- [连接到 VPN](#)

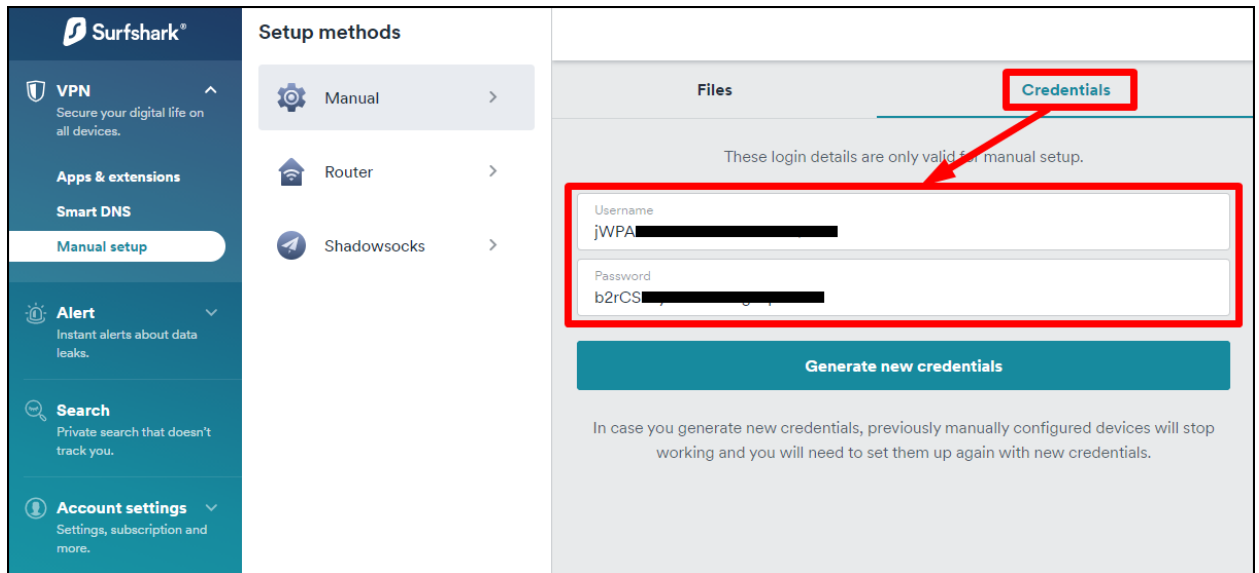
您将需要运行 Linux 操作系统的设备和有效的 Surfshark 订阅。如果您还没有订阅，可以[在此处](#)获取。

## 获取您的凭据

1. 请访问[surfshark.com](https://surfshark.com)并登录您的帐户。 [您可以在此处找到直接链接](#)。

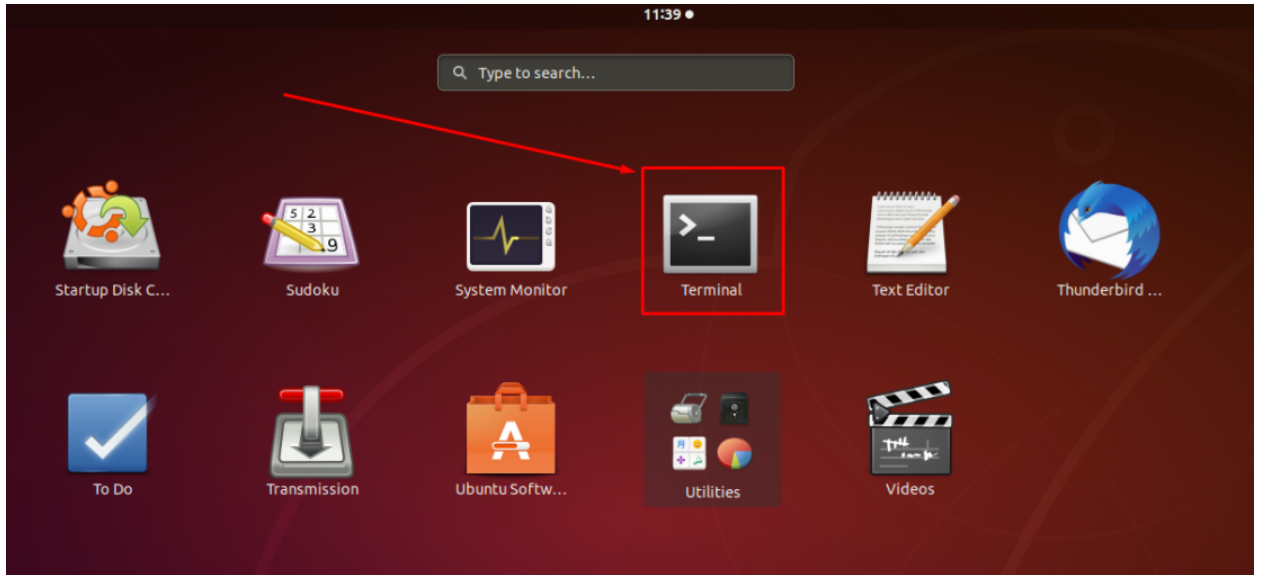
如果此链接无效，请[尝试使用此页面](#)。

2. 转到 **VPN -> Manual setup -> Manual -> Credentials** 并复制 **Username** 和 **Password**。

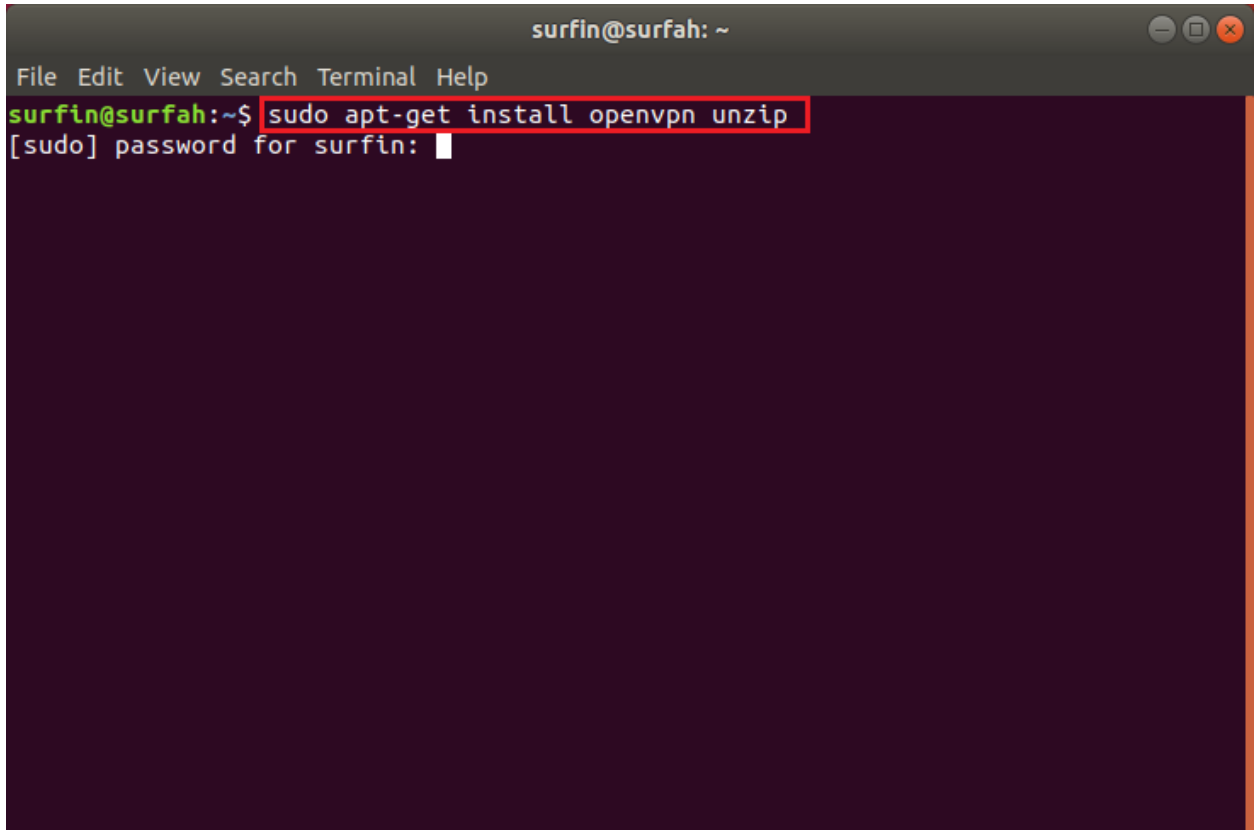


## 安装 OpenVPN 包

1. 打开终端窗口。您可以通过按**Ctrl+Alt+T**键或通过您的应用程序菜单导航到它来执行此操作。



2. 输入此命令以安装所有必需的软件包：`sudo apt-get install openvpn unzip`您可能需要输入计算机密码以确认此过程。在这种情况下，输入密码并按**Enter** 键。



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

## 下载配置文件

1. 导航到 OpenVPN 目录。您可以通过输入以下命令来执行此操作：**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. 下载 Surfshark OpenVPN 配置文件 :`sudo wget https://surfshark.zendesk.com/hc/article\_attachments/360018527519/configurations.zip`

```
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$
sudo wget https://surfshark.zendesk.com/hc/article_attachments/360018527519/configurations.zip
```

3. 提取configurations.zip 用这个命令 :执行sudo解压配置

```
surfin@surfah: /etc/openssl
File Edit View Search Terminal Help
surfin@surfah: /etc/openssl$ 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. 要查看所有可用服务器的列表，请输入 `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
```

## 连接到 VPN

1. 从列表中选择您要连接的服务器并复制代表该服务器主机名的主机名 (URL)。





```
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
```

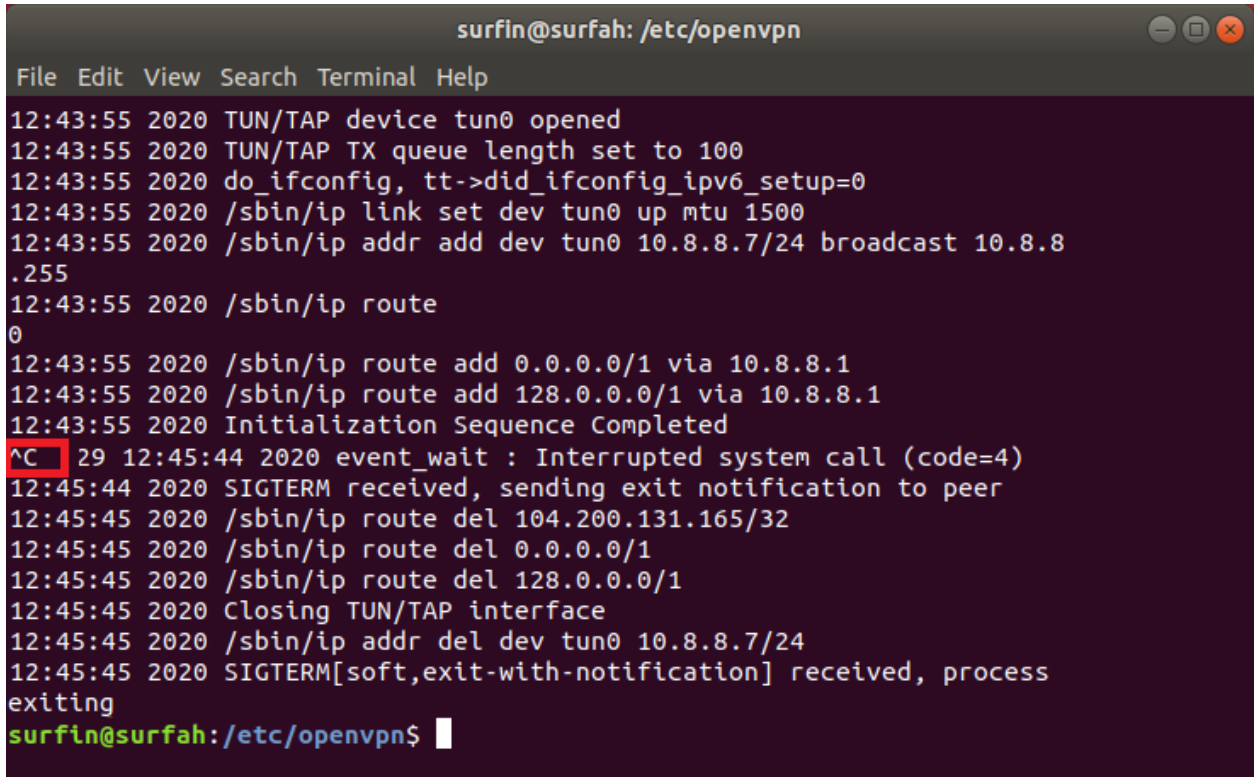
3. 在连接到服务器之前，您应该输入 Surfshark 服务凭据。这些是您在“[获取您的凭据](#)”部分中收集的[凭据](#)。然后按回车。

```
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. 您能在终端中看到“初始化序列已完成”行吗？  
伟大的！这意味着您已成功连接到 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. 要断开 OpenVPN 连接，请打开终端并按 **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$
```

恭喜 - 您已在 Linux 设备上成功安装和配置 OpenVPN 连接！只要您处于连接状态，您的位置就是私密的，并且您的敏感数据是安全的。

如果您有任何其他问题，我们的客户成功团队将通过实时聊天或[电子邮件](#) 24/7 全天候为您提供帮助。