

How to setup OpenVPN for Raspberry Pi Desktop (Debian)

The following is required for setting an OpenVPN connection on Raspberry Pi desktop.

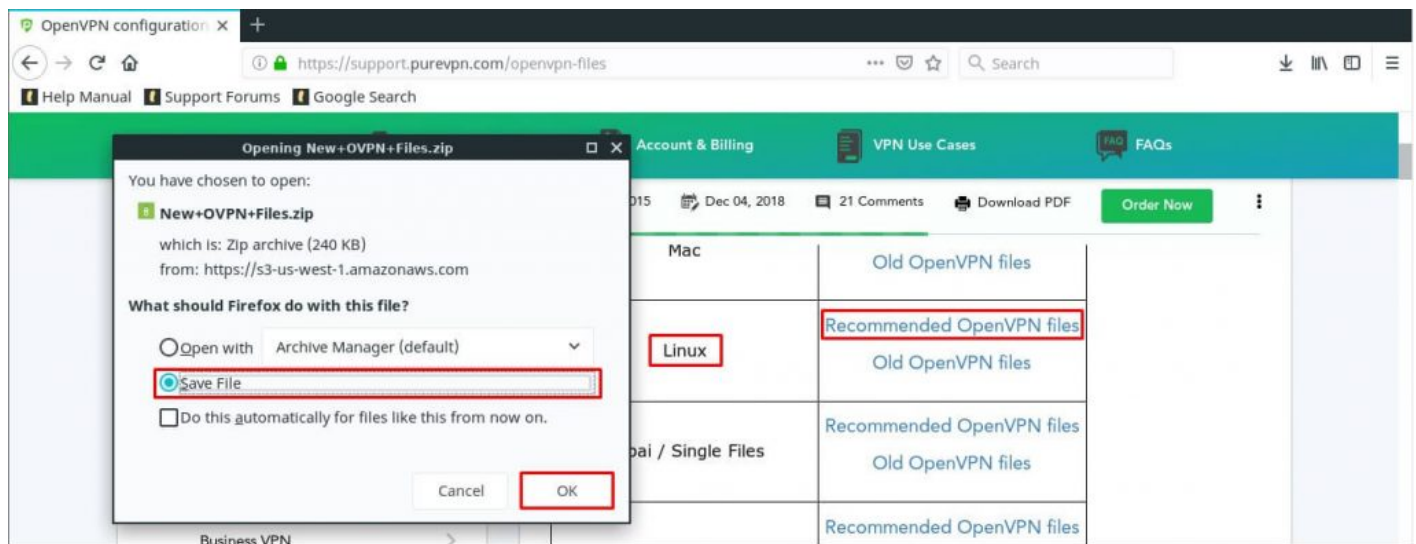
Things to Consider:

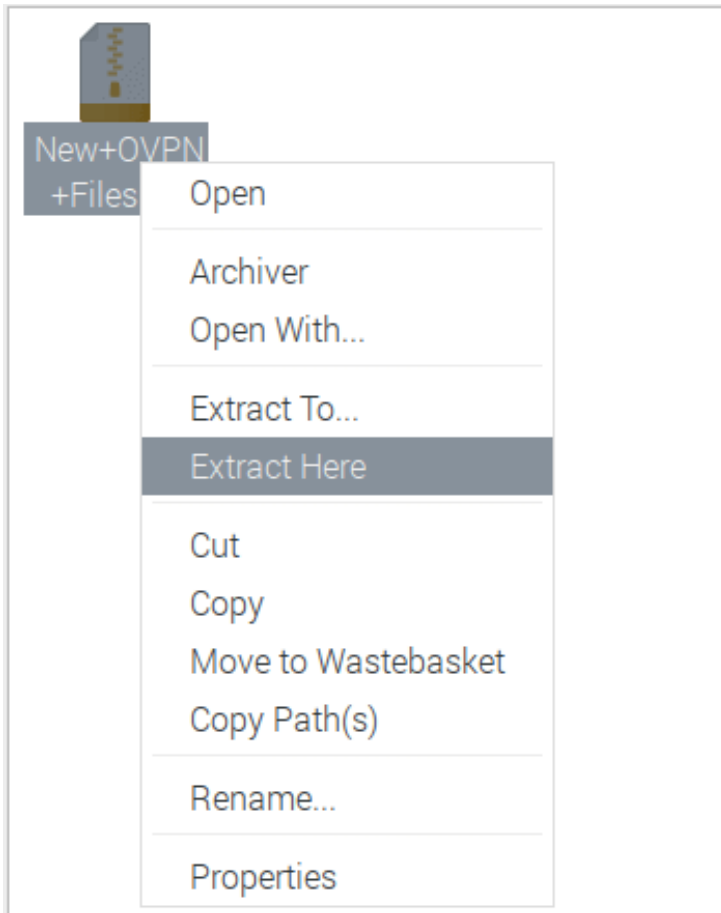
Before you begin, please make sure that:

- You have a working internet connection.
- A working installation of Debian (This guide uses the official supported Raspberry Pi operating system based on Debian Buster, version February 2020)
- A Premium PureVPN account (If you haven't bought yet click ? [here](#) to buy).

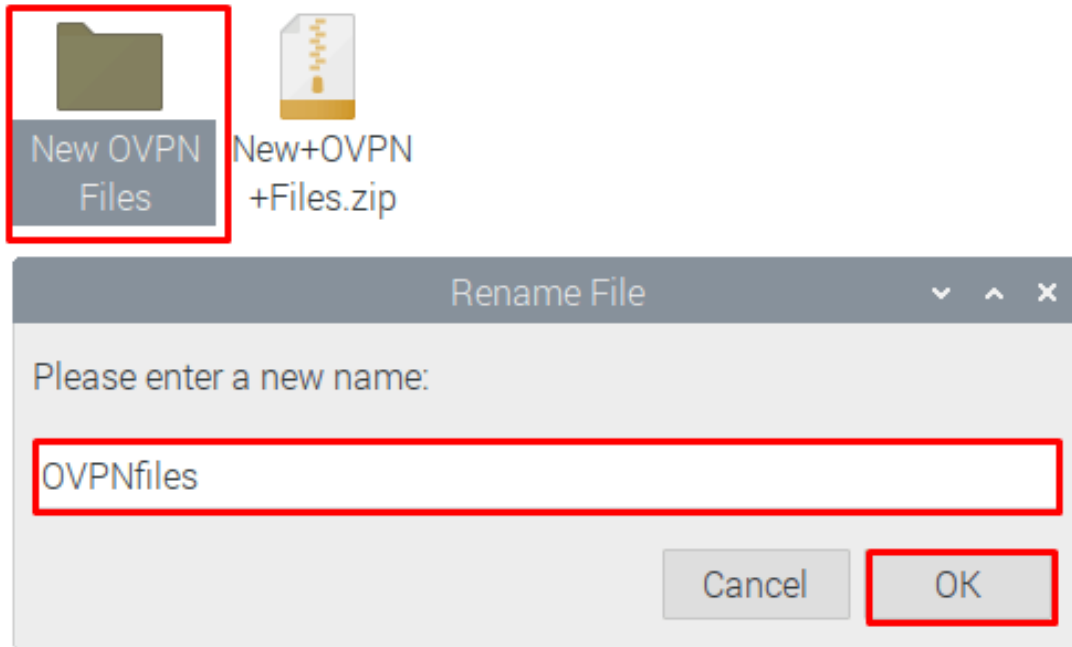
How to Download OpenVPN files

- First, open the web browser (Firefox) and download the PureVPN OpenVPN configuration files by clicking ? [here](#) and extracting them.

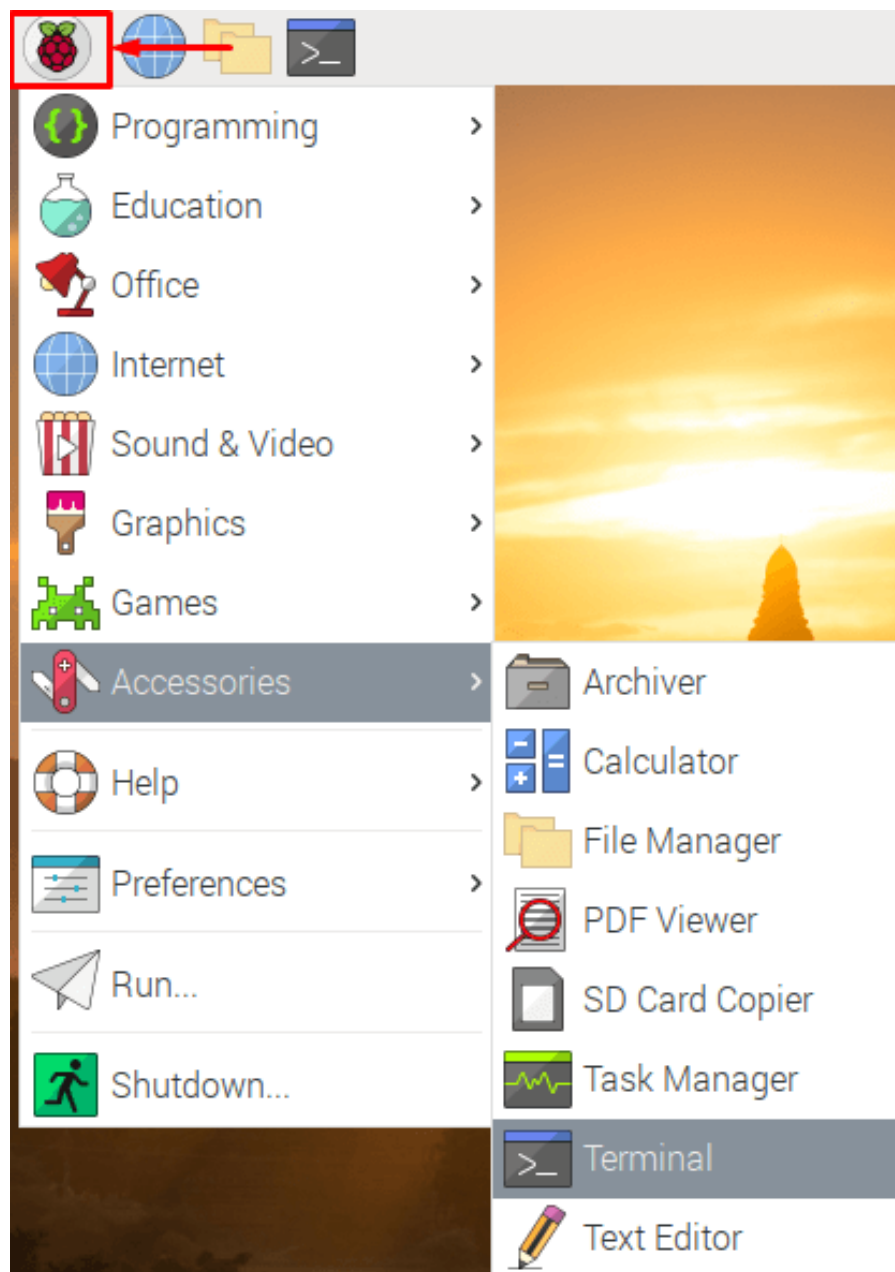




- Now rename the extracted folder to **OVPNfiles**.



- Now go to the Menu bar and select/ open the Terminal from there.



- Now you will need to install OpenVPN packages. Type the following to install it:

```
sudo bash
sudo apt-get install openvpn
```

- Now access the directory/ folder where you have downloaded the OpenVPN files (i.e. the Downloads folder) then copy and replace OVPNfiles to /etc/openvpn:

```
cd Downloads/
```

```
sudo cp OVPNfiles/* /etc/openvpn
```

How to Setup OpenVPN on Raspberry Pi

- Now move to the directory where we have copied the OVPNfiles folder i.e. /etc/openvpn:

1. `cd /etc/openvpn/`
2. In order to connect to the VPN, run the command:

- `sudo openvpn de2-ovpn-tcp.pointtoserver.com`


(In this case the Germany TCP server is used to connect to the VPN as an example. You are free to choose any server that best fits your requirements from the list above)

- You will be immediately prompted to enter the Auth Username and Auth Password, Enter your PureVPN credentials. Click ?[here](#) to know how to find your VPN credentials.

- You are now connected to PureVPN, the second last line will indicate your current VPN IP address which in this case is 172.94.11.149

```
Fri Mar 6 11:06:18 2020 /sbin/ip addr add dev tun0 172.94.11.149/26 broadcast 172.94.11.191
Fri Mar 6 11:06:20 2020 Initialization Sequence Completed
```

Moreover, You can also verify your VPN IP and location from this ? [link](#)



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