

## How to Set up Amrita VPN Client on Linux.

To download and install the OpenVPN client in Linux, you will use the command line (Terminal) to install the `openvpn` package available in most distribution repositories. You will also need a configuration/profile file (usually a `.ovpn` file) provided by ICTS/ network administrator.

### 1. Install the OpenVPN Package

Open your Terminal and run the appropriate commands for your Linux distribution:

- **For Debian/Ubuntu/Mint and derivatives:**

```
bash
```

```
sudo apt update  
sudo apt install openvpn
```

You can also install the Network Manager integration for a graphical user interface (GUI) import option:

```
bash
```

```
sudo apt install network-manager-openvpn-gnome
```

- **For Fedora/RHEL/AlmaLinux/Rocky Linux:**

```
bash
```

```
sudo yum install openvpn  
# or if using dnf  
sudo dnf install openvpn
```

You may need to enable the EPEL repository first for RHEL-based systems.

### 2. Obtain a Configuration File

You need a configuration file (`.ovpn` or `.conf` file) that contains the necessary server information and certificates. The compressed version of [amritavpn.ovpn](#) – Zip file `amritavpn.zip` may be downloaded [from here](#). Download and extract it to any location in your device. You may also transfer the `amritavpn.ovpn` file in to your device via Whatsapp, Email or file transfer(copy/paste).

Download the file to a known location, such as your `~/Downloads` directory.

### 3. Connect to the VPN

You can connect either via the command-line interface (CLI) or the graphical interface (if using Network Manager).

#### **Option A: Command-Line Interface (CLI)**

Navigate to the directory where you saved your configuration file and run the OpenVPN client with the config file specified:

```
bash
cd ~/Downloads
sudo openvpn --config amritavpn.ovpn
```

- You will be prompted for your system password (for `sudo`) and potentially the VPN username and password.
- The terminal will show a sequence of logs. A successful connection is indicated by messages like `Initialization Sequence Completed`.
- To disconnect, press **Ctrl+C** in the terminal or close the terminal window.

#### **Option B: Graphical User Interface (GUI) (for Ubuntu/Debian with GNOME)**

**If you installed the `network-manager-openvpn-gnome` package:**

1. Open **Settings > Network**.
2. Click the + icon next to the VPN section.
3. Select **Import from file...** and choose your downloaded [amritavpn.ovpn](#) file.
4. Enter the required username and password in the dialog box.
5. Click **Add**.
6. Toggle the switch next to the newly added VPN connection to connect.

### 4. Verify Your Connection

Once connected, you can verify your new IP address and location by visiting a website like [whatismyipaddress.com](https://whatismyipaddress.com) or [dnsleaktest.com](https://dnsleaktest.com) in your browser.

Please try accessing the Amrita Vishwa Vidyapeetham Coimbatore Campus resources available over the VPN.

Dept. of ICTS.

Amrita Vishwa Vidyapeetham Coimbatore Campus.