Procedure to setup IIT Delhi VPN in various Operating Systems:

- 1. Windows Configuration
- 2. Linux Configuration
- 3. Mac OS Configuration
- 4. Android Configuration
- 5. Apple IO
 - For getting VPN credentials, there are two methods:
 - Faculty can create VPN credentials for themselves and their advisee using the following link.

https://ldapweb.iitd.ac.in/usermanage/newvpn.php
(Site can be accessed from the IITD campus only).

- 2. Users can also drop an email at sysadm@cc.iitd.ac.in to get VPN credentials.
- In both cases, the user will get an email with instructions for setup and use.
- Download the yourID.ovpn file and client based on your operating system.

Recommended Versions of VPN Applications:-

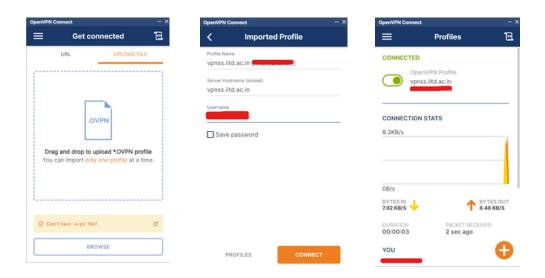
- a. **Windows**: OpenVPN Connect (3.6.x ver & above) / OpenVPN Application (2.6.x ver & above)
- b. **Linux**: OpenVPN client. (2.6.x version and above)
- c. **Mac OS**: Use TunnelBlick (4.0.1 version and above)
- d. **Android OS**: OpenVPN
- e. Apple IOS: OpenVPN

Download the client software of your choice from the link provided in the email or from the developer's site.



Windows Configuration: (Option 1 with OpenVPN Connect Client)

- After installation of windows client software (shared on mail), download the file
 yourID.ovpn from the following site https://newcert.iitd.ac.in/usermanage/vpn3cert.html
 into any folder and name it as VPN or any name to find it later.
- Install the OpenVPN Connect client software, Import Profile > Upload File > Browse and select the yourID.ovpn file to import.
- Click the button on left of profile to connect. Enter Your id, and select "Connect" to enter password.

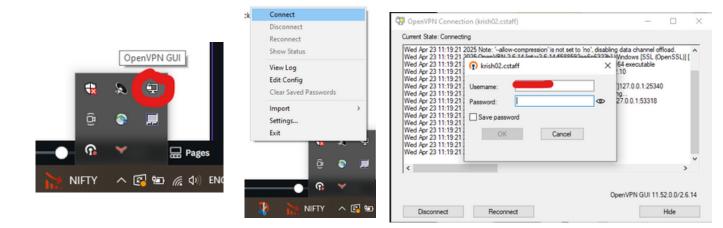


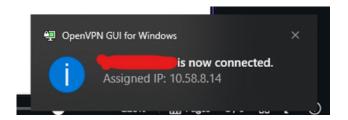
Test your connection by visiting internal IITD sites like: https://internal.iitd.ac.in



Windows Configuration: (Option 2 with OpenVPN application)

- After installation of windows client software, download the file yourID.ovpn from the following site https://newcert.iitd.ac.in/usermanage/vpn3cert.html into "c:\ProgramFiles\OpenVPN\config" folder.
- Right-click on OpenVPN GUI and run as administrator; right-click on ovpn client and click connect. Enter your credentials (user id, password), and you are done.





Test your connection by visiting internal IITD sites like: https://internal.iitd.ac.in

Linux Configuration:

Download yourID.ovpn from the following site https://newcert.iitd.ac.in/usermanage/vpn3cert.html

- · Put this file inside a folder
- On the same folder, right-click and open terminal

Run the following command:

\$ sudo apt install openvpn

\$ sudo wget https://csc.iitd.ac.in/uploads/update-systemd-resolved -P /etc/openvpn

\$ sudo chmod 777 /etc/openvpn/update-systemd-resolved

\$ sudo nano yourID.ovpn

Add the following two lines at the end:-

up /etc/openvpn/update-systemd-resolved
down /etc/openvpn/update-systemd-resolved

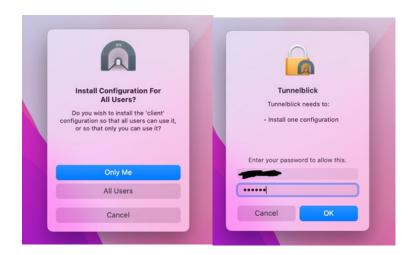
\$ sudo openvpn --script-security 2 --config yourID.ovpn

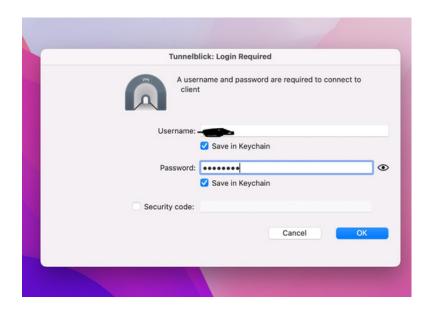
Use your credentials to log in.

When you see the above output, then the vpn is connected, leave the tab open and do your work on other tab

MAC OS configuration:

- Download the latest stable version of the TunnelBlick client from the developer site.
- Post installation, create a folder, and name it VPN or any other.
- Download the file yourID.ovpn from the following site
 https://newcert.iitd.ac.in/usermanage/vpn3cert.html
- Put this file inside a folder. Go to the folder and invoke the yourID.ovpn with TunnelBlick.
- It will ask for your Mac credentials to install the software.
- After installation from the TunnelBlick icon, select connect client. It will ask for your Kerberos credentials for the first time (save them). You are now connected.
- · Visit any internal site to verify the same.





Android Configuration:

- Install the OpenVPN app from Play Store.
- Download yourID.ovpn, from the following site

https://newcert.iitd.ac.in/usermanage/vpn3cert.html

- Put this file inside a folder.
- Go to OpenVPN > Import Profile > File > Select yourID.ovpn.
- In the case of faculty, the profile name will be vpnfac.iitd.ac.in.

Use your Kerberos credentials to log in.





Apple IOS Configuration:

- Install the OpenVPN app from App Store on your IOS device. Now you need to
- use a separate system, preferably Mac OS-based system, to download certificate files in this system.
- Download the file yourID.ovpn from the following site

https://newcert.iitd.ac.in/usermanage/vpn3cert.html

- Put this file inside a folder.
- Now connect your Apple IOS device through a USB cable to this system.
- On the IOS device, trust the accessing device.
- Go to the finder and browse the IOS Device.
- Go to files, and you will see OpenVPN App.
- Drag all five files from your Mac OS system and put them in OpenVPN Folder.
- Go to OpenVPN > Import Profile > File > Select yourID.ovpn (IOS Device)
- Use your Kerberos credentials to log in.

