

FortiClient VPN Installation Guide – Ubuntu

1. Download or copy FortiClient VPN to your Desktop from ISTF site.

Download the file forticlient_vpn_7.4.3.1736_amd64.deb

2. Update System and Install Dependencies

Run the following commands:

```
sudo apt update
```

```
sudo apt install -y libappindicator1 libindicator7
```

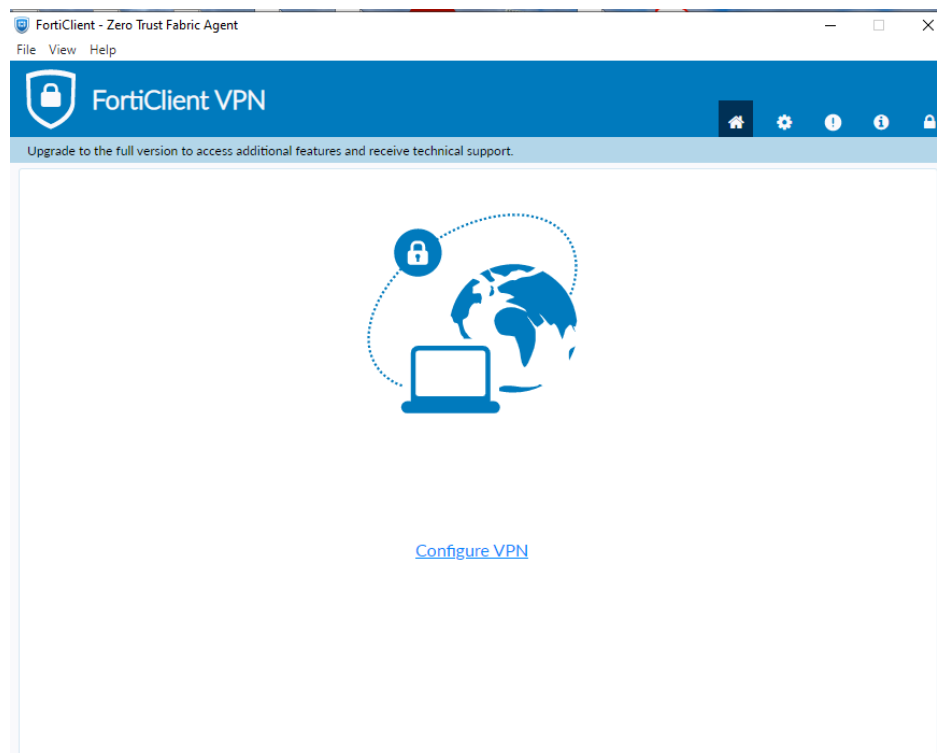
3. Install FortiClient VPN

Navigate to the directory and run:

```
sudo dpkg -i forticlient_vpn_*.deb
```

```
sudo apt --fix-broken install -y
```

4. Search for **FortiClient VPN** from **Show Applications**, open it, and then click “**Configure VPN**”



Choose “SSL VPN” and enter the following details:

- Remote Gateway: vpn.iitgn.ac.in
- Custom Port: 10443

Click “Save” to store the configuration



The screenshot shows the FortiClient - Zero Trust Fabric Agent window. The title bar includes the application name and standard window controls. Below the title bar is a menu bar with 'File', 'View', and 'Help'. The main interface has a blue header with the FortiClient VPN logo and a navigation bar with icons for home, settings, notifications, and help. A banner below the header encourages upgrading to the full version. The central area displays the 'New VPN Connection' dialog. This dialog has three tabs: 'SSL-VPN' (selected), 'IPsec VPN', and 'XML'. It contains several configuration fields: 'Connection Name' (IITGN VPN), 'Description' (IITGN), 'Remote Gateway' (vpn.iitgn.ac.in), 'Customize port' (checked, 10443), 'Single Sign On Settings' (radio buttons for 'Enable Single Sign On (SSO) for VPN Tunnel', 'Prompt on login' (selected), and 'Save login'), 'Authentication' (radio buttons for 'Prompt on login' and 'Save login'), 'Client Certificate' (None), and 'Enable Dual-stack IPv4/IPv6 address' (unchecked). At the bottom are 'Cancel' and 'Save' buttons.

FortiClient - Zero Trust Fabric Agent

File View Help

FortiClient VPN

Upgrade to the full version to access additional features and receive technical support.

New VPN Connection

VPN: **SSL-VPN** | IPsec VPN | XML

Connection Name: IITGN VPN

Description: IITGN

Remote Gateway: vpn.iitgn.ac.in

+ Add Remote Gateway

☒ Customize port: 10443

Single Sign On Settings: ☐ Enable Single Sign On (SSO) for VPN Tunnel

Authentication: ☒ Prompt on login ☐ Save login

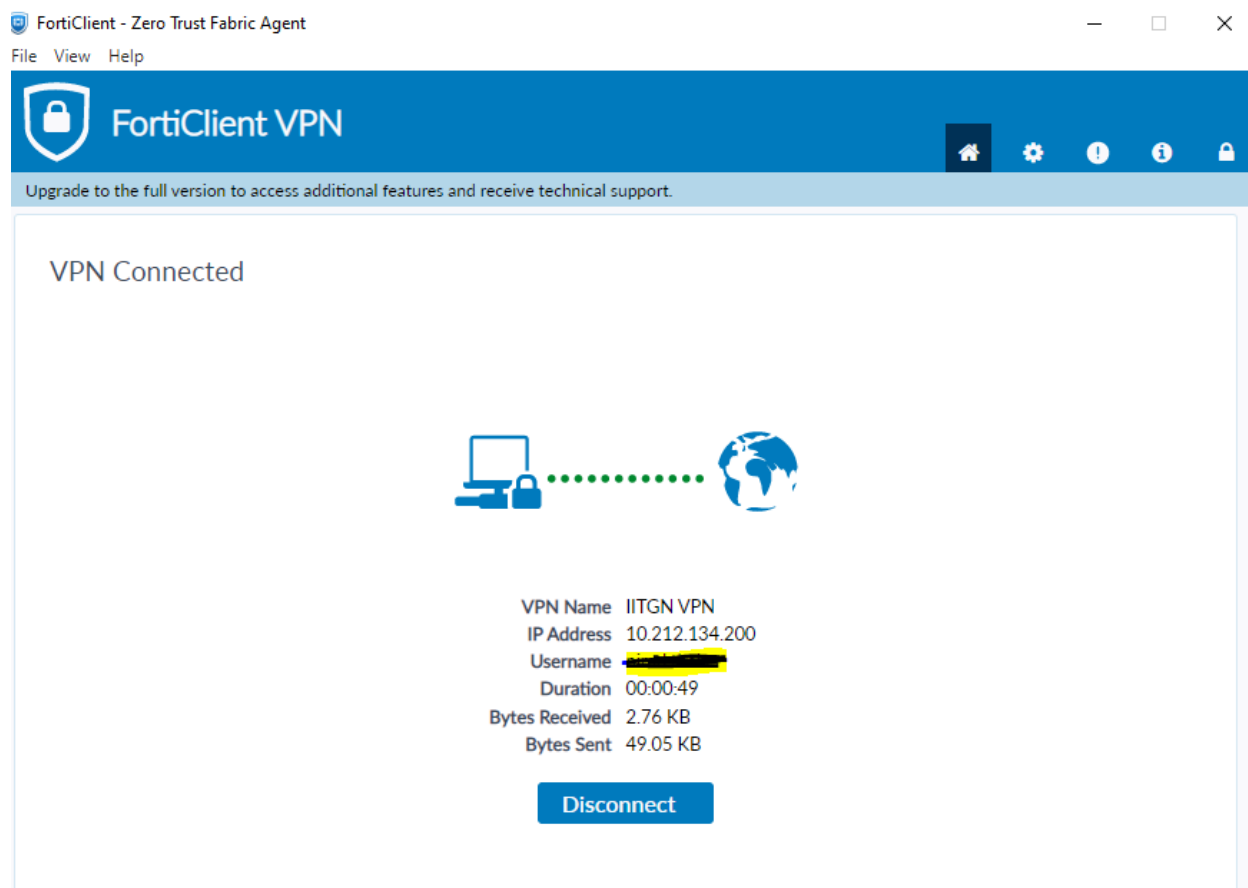
Client Certificate: None

☐ Enable Dual-stack IPv4/IPv6 address

Cancel Save

+

5. Select the VPN name you created, enter your network credentials (username and password), and click **Connect** to establish the VPN session.



Connect SSL VPN using CLI.

1. Download the Forticlient vpn to your system and run below command to install it.
Download file : forticlient_vpn_7.4.3.1736_amd64
Go to download directory and run below command.
`sudo apt install forticlient_vpn_7.4.3.1736_amd64`
`sudo apt install -f`
2. Go to /opt/forticlient directory and run below command to configure VPN profile.
`./forticlient-cli vpn edit <vpn profile name>`
3. Enter remote gateway: vpn.iitgn.ac.in
Port: 10443
Authentication: 1 (option 1)
Certificate Type: 1 (option 1 local)
Client Certificate path: enter (default=None)

4. Now connect VPN from below command

`./forticlient-cli vpn connect <profile name> -u username -p`

Enter your network password and click “Accept” for vpn certificate.

Please find below screen shot for your reference.

```
student@student-VirtualBox:/opt/forticlient$ ./forticlient-cli vpn edit iitgn
=====
Create new VPN profile: iitgn
=====
Remote Gateway: vpn.iitgn.ac.in
Port [default=443]: 10443
Authentication (1.prompt / 2.save / 3.disable) [default=1]: 1
Certificate Type (1.local (pkcs12) / 2.smartcard (pkcs11) / 3.disable) [current=disable]: 1
Client Certificate path (.p12 file URL) [default=None]:
DONE.
student@student-VirtualBox:/opt/forticlient$ ./forticlient-cli vpn connect iitgn -u student -p
Password:
Connect VPN: iitgn
Failed to get credentials from system's keystore.
Status: Connecting...
=====
Confirmation Required
=====
You are connecting to an untrusted server, which could put your confidential information at risk. Would you like to connect to this server?

Hostname: vpn.iitgn.ac.in

Reason: X509 verify certificate failed

Certificate:
  Subject name: /CN=vpn.iitgn.ac.in
  Fingerprint (SHA1): 39:0B:D7:ED:DE:87:6F:D5:8B:DF:48:BE:8D:93:A0:51:50:B5:38:3C

=====
Confirm (y/n) [default=n]: Confirm (y/n) [default=n]: Status: Connected
DONE.
```