How to use SSL-VPN ?

Connect to IITK through VPN Tunnel on different clients

1. For Latest VPN Client for all platforms, Visit Fortinet Link (https://www.fortinet.com/support/product-downloads) and select "FortiClient VPN only". Then, you may follow respective platform guides mentioned below to proceed accordingly

2. VPN Client for Windows Platform

For Windows Client

Connect to IITK through VPN Tunnel For Windows Client

To Download the VPN Client for Windows Platform, use the respective link:

For Updated Windows (10, 8, 7):

For 32-Bit :- follow the given link-

https://www.iitk.ac.in/ccn/images/VPN/FortiClientVPNSetup_6.4.0.1464.exe

For 64-Bit :- follow the given link-

https://www.iitk.ac.in/ccn/images/VPN/FortiClientVPNSetup_6.4.0.1464_x64.exe

Older Version of Fortinet VPN client for Windows (10, 8, 7), if not updated:

For 32-Bit :- follow the given link-

https://www.iitk.ac.in/ccn/images/VPN/FortiClientSetup_5.4.0.0780.exe

For 64-Bit:- follow the given link-

https://www.iitk.ac.in/ccn/images/VPN/FortiClientSetup_5.4.0.0780_x64.exe

And Save the File on your Computer.

- Now Double Click the Exe File, Run it, and Install the SSL VPN Client.
- Go to Start Menu and click on FortiClient SSL VPN. You will get the following screen:
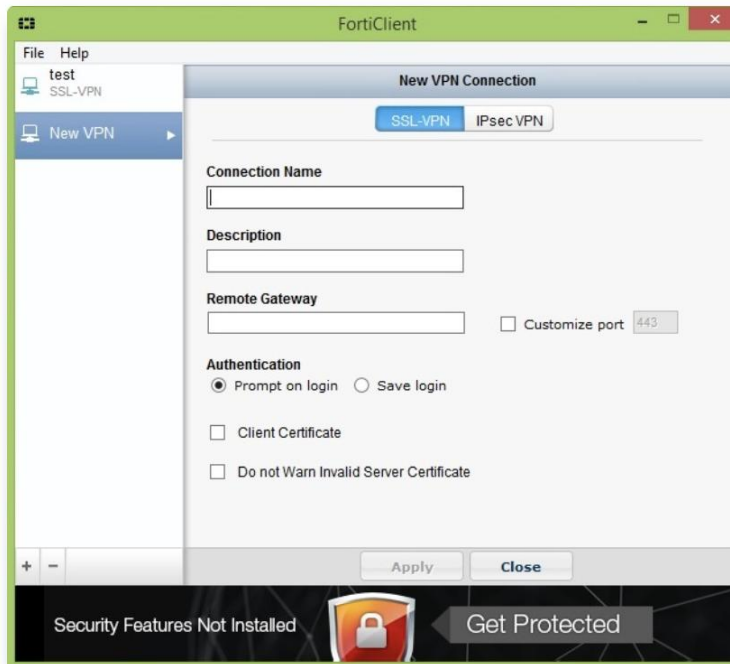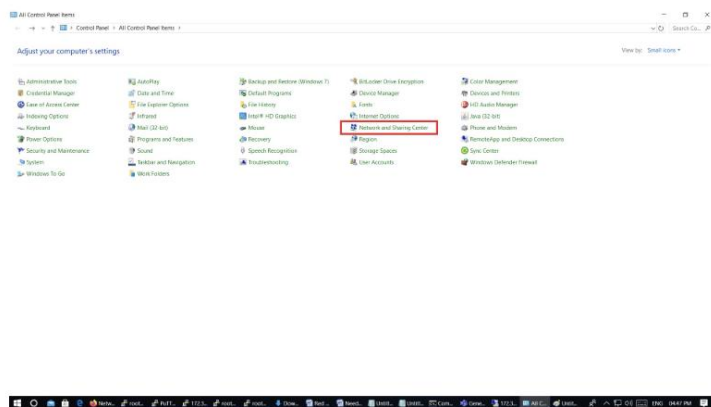
- Enter gateway.iitk.ac.inin the Field for "Remote Gateway", tick the check box for "Customize port" and use port 443 ; and then Apply and Close it.
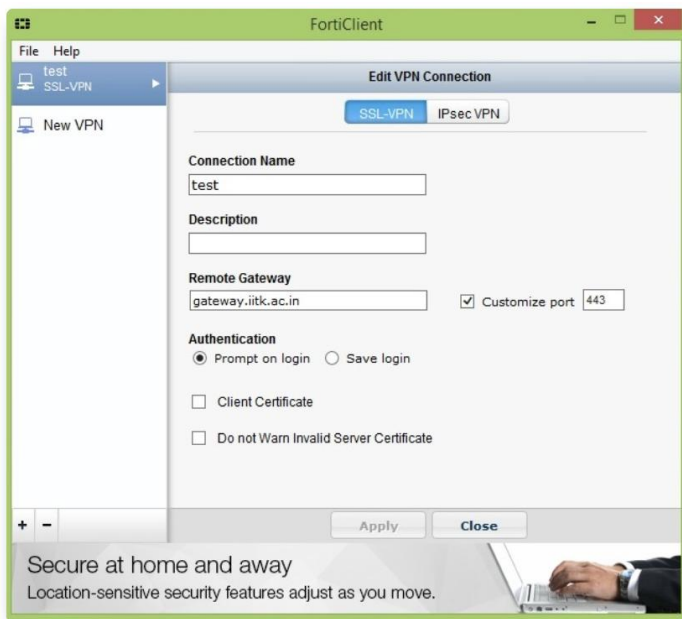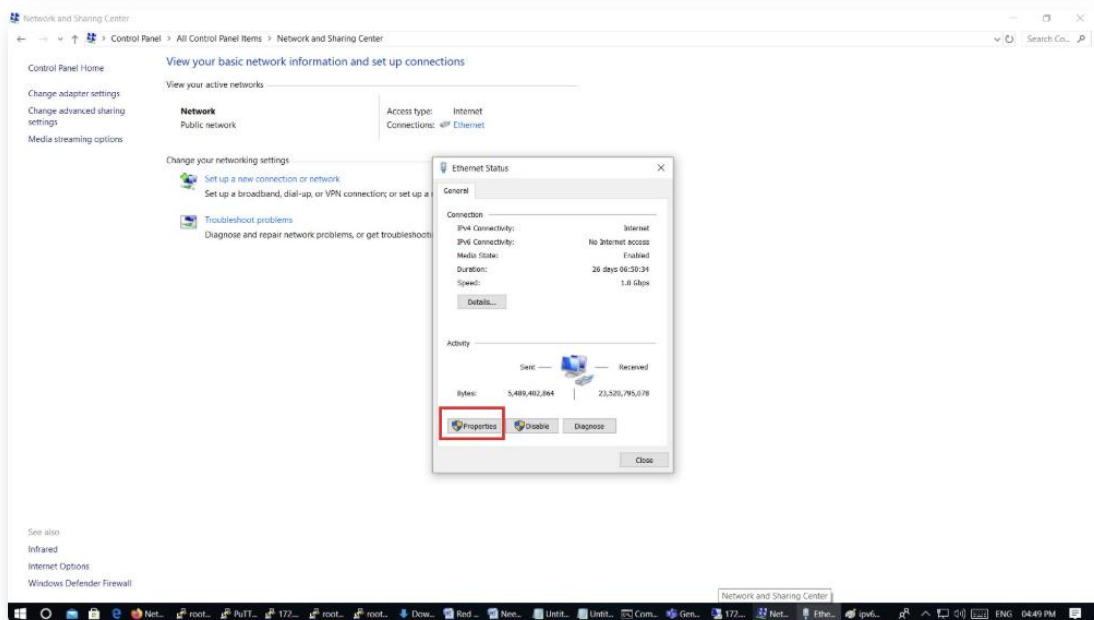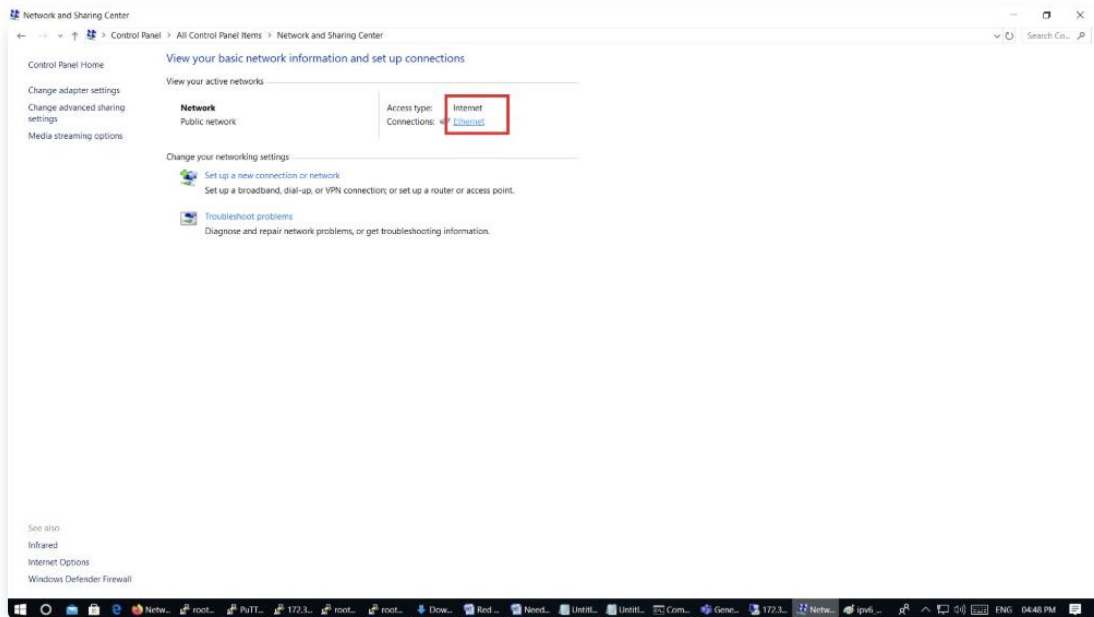

- Enter your IITK username in the Field for "Username" and your password in the field for "Password". Click on Connect.
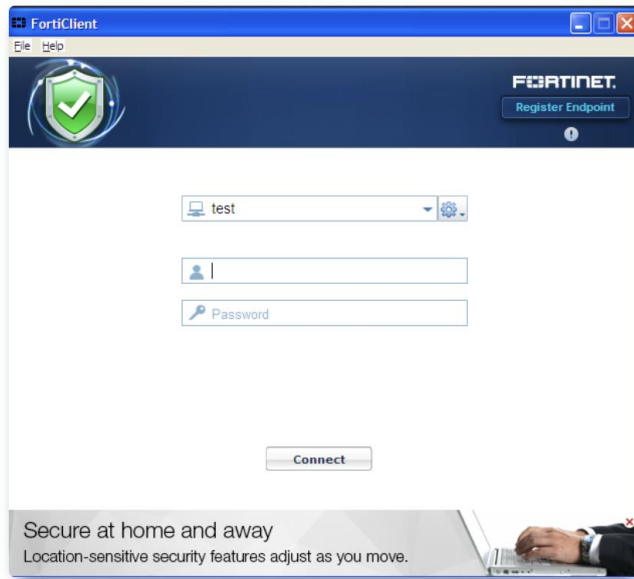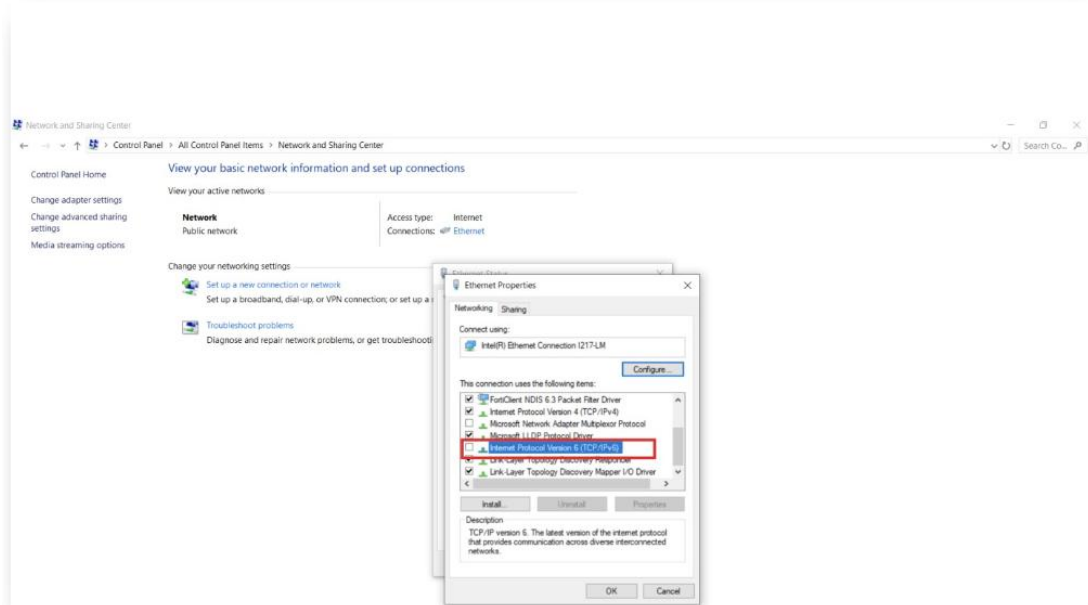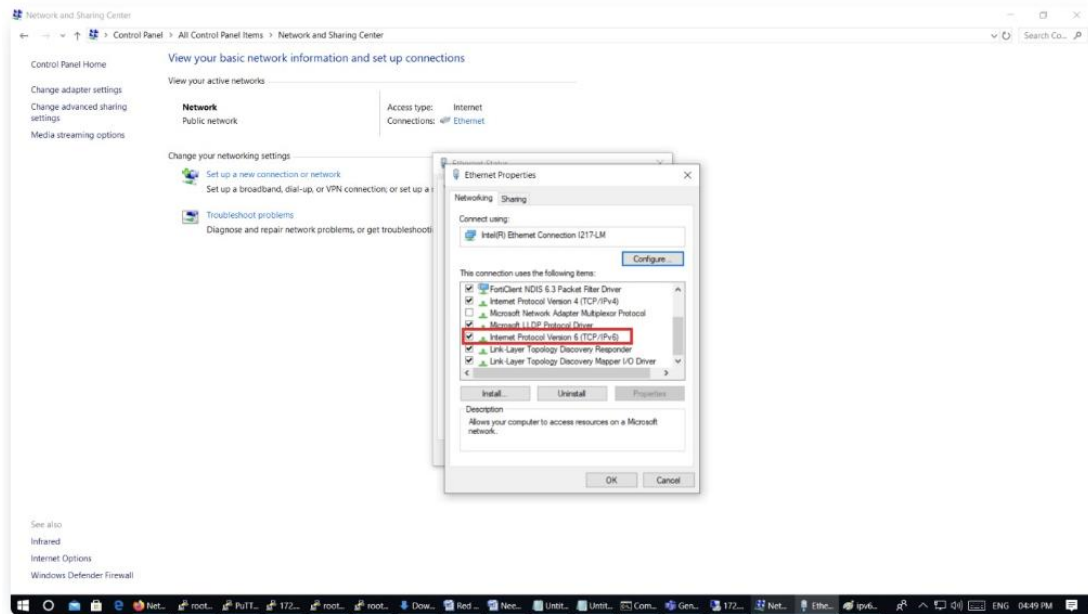
- Disable IPv6
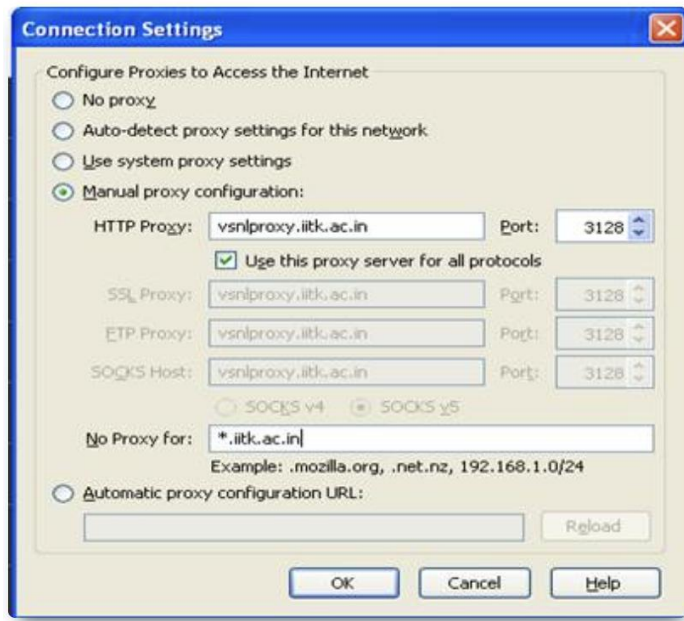- Open Control Panal and click on "Network and Sharing Center"

- Click on the connected interface, then Click on Properties

- Un-Check the "Internet Protocal Version 6 (TCP/IPv6)" tick mark. Then Click on "OK" then Close the adaptor setting.

- Now your machine is connected to IITK Network and is a part of IITK LAN, as if you are physically present in IITK. You can access all local resources (telnet, ssh, ftp, browse any local server).

- To access Library Online Journals, try to browse the journals, In case of any issue setup the proxy in browser. To setup the proxy Open your Web Browser (Mozilla Firefox is preferred) and set proxy server as shown below

 :

- You can now access Library Online Journals through the browser.
- Basic Troubleshooting with VPN:
    Make sure your System and Anti-virus Firewall, both are turned off.
    For Windows Users - no proxy is set in Windows Internet Explorer.

Use Command " nslookup gateway.iitk.ac.in "

Output should look like:- Non-authoritative answer:

Name: gateway.iitk.ac.in

Address: 202.3.77.253

3. VPN Client for LINUX Platform

For Linux Client Connect to IITK through VPN Tunnel for Linux Client

● To Download the VPN Client for Linux Platform, use the link:
https://www.fortinet.com/support/product-downloads

● Save the File on your Computer. Untar and run the forticlientsslvpn file. You will get the following screen:

● Enter gateway.iitk.ac.in in the Field for "Server" and change the port to "443" from "10443", your IITK username in the Field for "User" and your password in the field for "Password". Leave "Certificate" and its corresponding "Password" field blank.

● Now your machine is connected to IITK Network and is a part of IITK LAN, as if you are physically present in IITK. You can access all local resources (telnet, ssh, ftp, browse any local server).
● To access Library Online Journals, Open your Web Browser (Mozilla Firefox is preferred) and set proxy server as shown below:
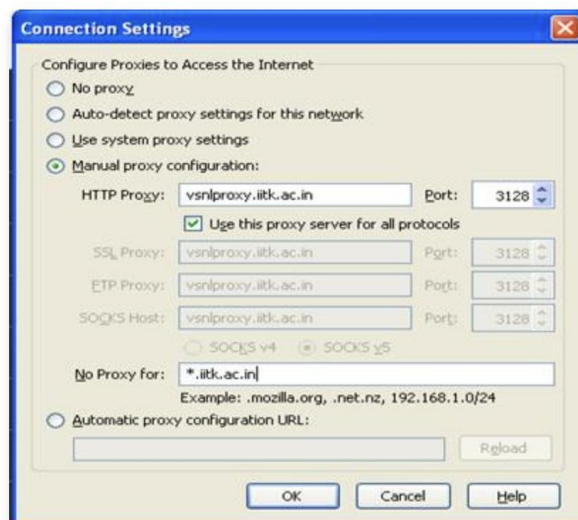
- You can now access Library Online Journals through the browser.
- Basic Troubleshooting with VPN:
  Make sure your System and Anti-virus Firewall, both are turned off.
  Check PING Status on Terminal -

Use Command " nslookup gateway.iitk.ac.in "

Output should look like:-

Non-authoritative answer:

Name: gateway.iitk.ac.in

Address: 202.3.77.253

4. VPN Client for MAC Platform

For MAC Client

Connect to IITK through VPN Tunnel for MAC Client

- To Download the VPN Client for MAC OS X, use the links:

  7.0.2 Version (For MAC 12.0 and above)

 https://iitk.ac.in/cc/images/VPN/FortiClientVPNSetup_7.0.2.0069_macosx.dmg

  5.4 Version

  https://iitk.ac.in/cc/images/VPN/FortiClient_5.4.0.493_macosx.dmg

- To download the latest SSL VPn client follow the link
  https://www.fortinet.com/support/product-downloads

- Save the File on your Computer. Extract and run the forticlientsslvpn file. You will get the following screen:
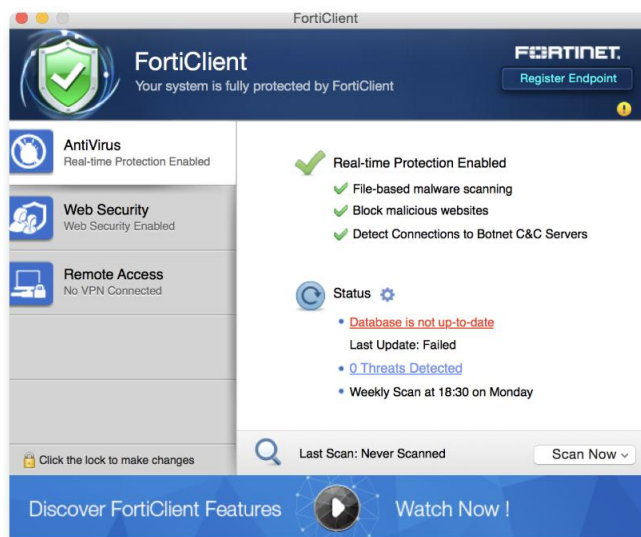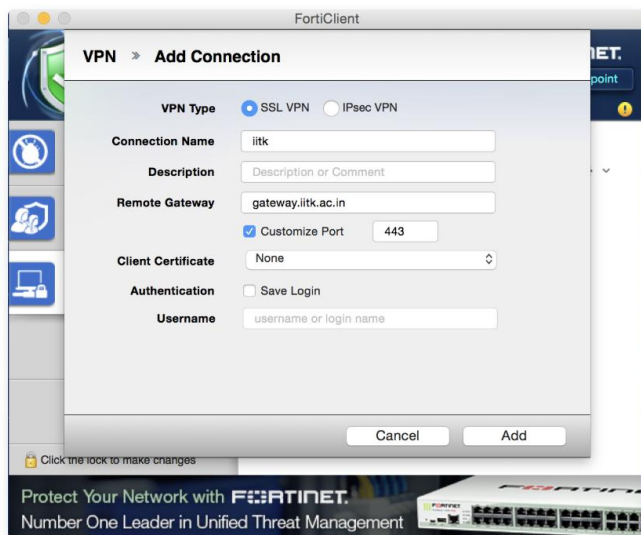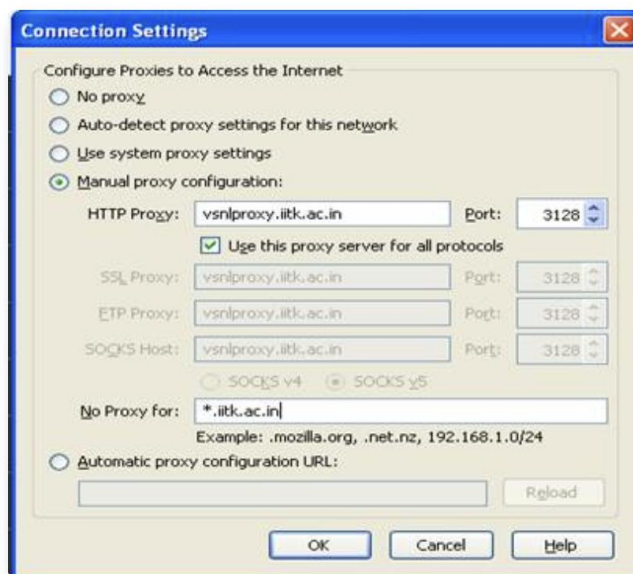

- Click on "Remote Access" option
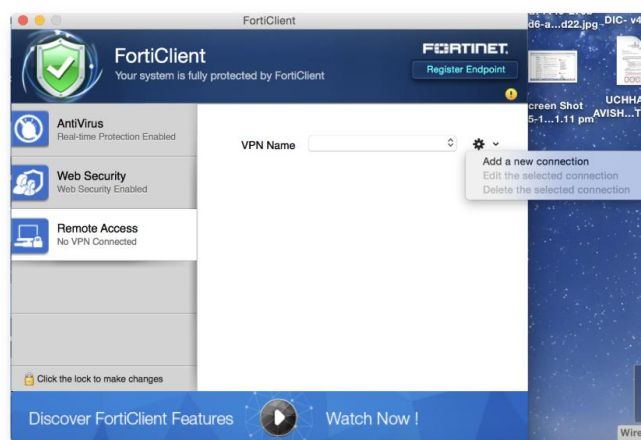
- Click on Setting Icon and "Add a New Connection".

- Select SSL-VPN option and make the following entries:
    Connection Name: iitk [Desired Name]
    Remote Gateway: gateway.iitk.ac.in
    Check the "Customize Port" and use 443.
    Un-check the Authentication.

- Then Add
- Your IITK username in the Field for "Username" and your password in the field for "Password". Click on Connect.
- Allow the "FortiTray" whenever the system asks to allow.
- Now your machine is connected to IITK Network and is a part of IITK LAN, as if you are physically present in IITK. You can access all local resources (telnet, ssh, ftp, browse any local server).
- To access Library Online Journals, try to browse the journals, In case of any issue setup the proxy in browser. To setup the proxy Open your Web Browser (Mozilla Firefox is preferred) and set proxy server as shown below:

- You can now access Library Online Journals through the browser.
- Basic Troubleshooting with VPN:

    For MAC users, no proxy is set in System Preferences (For MAC users).

Use Command " nslookup gateway.iitk.ac.in "

Output should look like:-

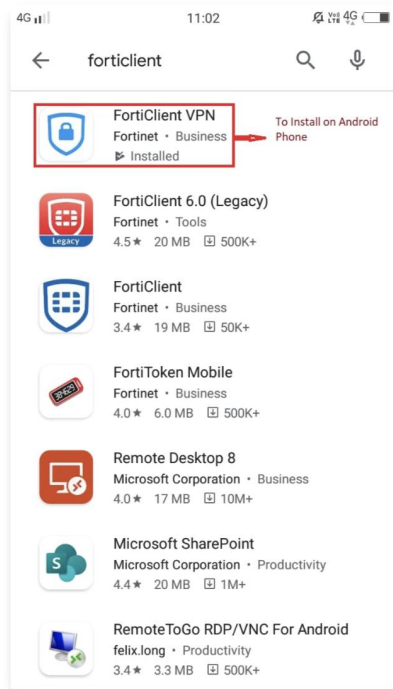Non-authoritative answer:

Name: gateway.iitk.ac.in

Address: 202.3.77.253

5. VPN Client for Android Platform

For Android Client

Connect to IITK through VPN Tunnel for Android Client

● To Download the VPN Client for Android Platform, you need to Connect to Google Play Store and type " forticlient ".

● Select the App shown in the figure.

● Install it on your Android Device.