# OpenConnect

## Connecting to the Purdue VPN using the **OpenConnect** client

Debian (from shell):

```
sudo apt-get install openconnect
sudo openconnect webvpn.purdue.edu
```

The output should look like this:

```
POST https://webvpn.purdue.edu/
Attempting to connect to server 928.910.939.931:443
SSL negotiation with webvpn.purdue.edu
Connected to HTTPS on webvpn.purdue.edu
XML POST enabled
© 2009 Purdue University. All rights reserved.
Enter your username and password below to connect
Username:<purdue-userid>
Password:
POST https://webvpn.purdue.edu/
Got CONNECT response: HTTP/1.1 200 OK
CSTP connected. DPD 30, Keepalive 20
Connected tun0 as 172.921.929.997, using SSL + deflate
Established DTLS connection (using GnuTLS). Ciphersuite AES256-SHA.
```

<Ctrl+C> will disconnect you.

Debian:

```
sudo apt-get install openconnect-network-manager-gnome
```

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**Fedora 21: (xfce4)**

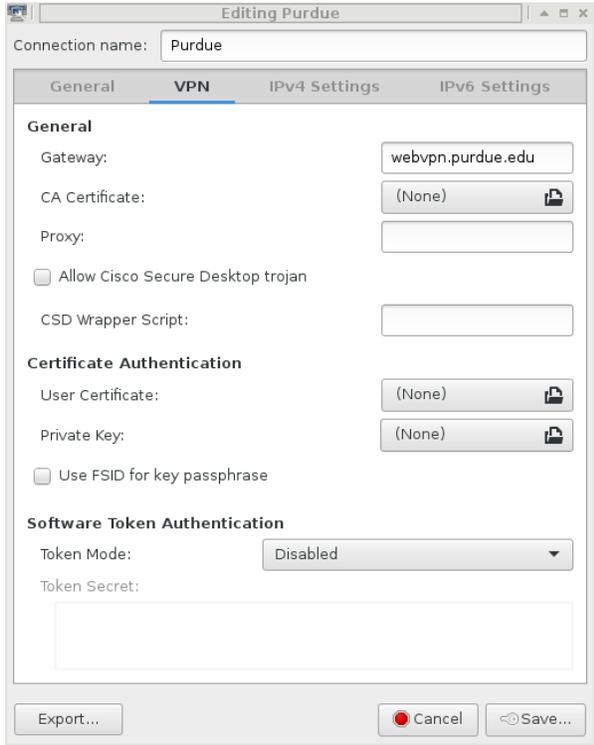Install the openconnect client, Network Manager front end, and its dependencies.

```
sudo yum install NetworkManager-openconnect
```

Go to:

- Applications
- Settings
- Network Connections

Here, you will add the VPN:

- Add
- VPN (Cisco Anyconnect Compatible - openconnect)
- Create
- Gateway: webvpn.purdue.edu



- Click Save.

To connect, click on your network connection icon.  It may look similar to this:



- Select "VPN Connections"
- Select your newly created VPN connection.



- Type in your Purdue career account username and password and select 'Login'.
- You shouldn't save your password.
- A successful connection may look similar to this:

**Fedora 21: (GNOME)**

Install the openconnect client, Network Manager front end, and its dependencies.

- Click Activities.
- Search and open "Terminal".
- Type the following into the terminal window.

```
sudo yum install NetworkManager-openconnect
```

- This will prompt you for your password and proceed to install the OpenConnect client and its dependencies.

Add and Configure the VPN:

- Activities.
- Search for Settings.
- Click on "Network" within the settings window.
- Click the + button to add.
- Select VPN.
- Select "Cisco AnyConnect Compatible VPN (openconnect)".
- Name the connection "Purdue".
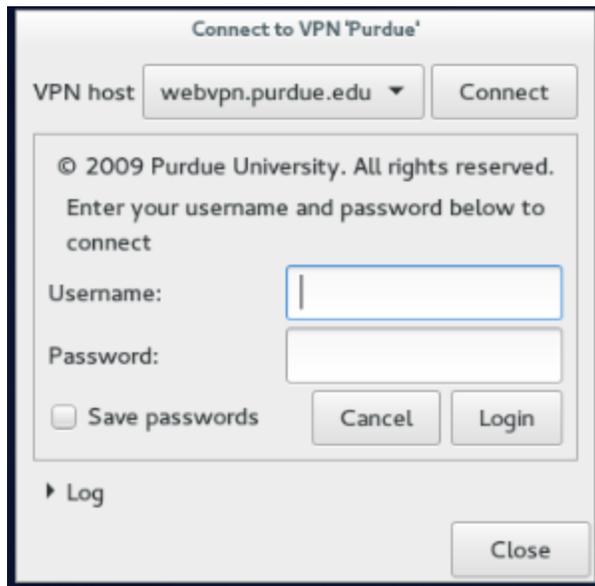- Gateway: webvpn.purdue.edu



- Click "Add" to complete the configuration.

To Connect:

- Click the network connection icon in the upper right.



- VPN
- Connect

- Type in your career account username and password.
- Click "Login".
- When you are succesfully connected, you will see a lock in the top right corner.



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**FreeBSD 10:**

```
cd /usr/ports/security/openconnect
make install
```

The computer should churn for a few moments while it downloads and builds OpenConnect.

```
sudo openconnect webvpn.purdue.edu
```

Enter your career account username and password when prompted.

To disconnect, press Ctrl+C from the terminal running openconnect.