VPN Installation Guide – Linux

Install JAVA JDK version 11 or later on your Linux machine.

Download jdk-11.0.6_linux-x64_bin.tar.gz or later version from Oracle [website](), or it can be downloaded from

https://drive.google.com/open?id=1IKJGg_6jqXQaDJCFit88r1442YyfTi0q

Navigate to the location where jdk-14_linux-x64_bin.tar.gz has been downloaded.

 # tar -zxvf jdk-14_linux-x64_bin.tar.gz   (Extract the downloaded file)

```
tar -zxvf jdk-14_linux-x64_bin.tar.gz
```

 # sudo mkdir -p /usr/lib/jvm/   (Create jvm directory)

```
sudo mkdir -p /usr/lib/jvm
```

 # sudo mv jdk-14 /usr/lib/jvm/   (Move entire jdk directory to /usr/lib/jvm direcory)

```
sudo mv jdk-14 /usr/lib/jvm/
```

 # sudo update-alternatives --install /usr/bin/java java /usr/lib/jvm/jdk-14/bin/java 2

```
sudo update-alternatives --install /usr/bin/java java /usr/lib/jvm/jdk-14/bin/java 2
```

 # sudo update-alternatives --config java

```
sudo update-alternatives --config java
```

 # sudo vi /etc/profile.d/jdk-14.sh   (Create file with .sh extension and export JAVA environment variables as shown below and save it)

```
sudo vi /etc/profile.d/jdk-14.sh
```
export JAVA_HOME=/usr/lib/jvm/jdk-14
export PATH=$PATH:$JAVA_HOME/bin

Now, the file looks like as below

```
dell@dell:/usr/lib/jvm/jdk-14$ cat /etc/profile.d/jdk-14.sh
export JAVA_HOME=/usr/lib/jvm/jdk-14
export PATH=$PATH:$JAVA_HOME/bin
```

 # source /etc/profile.d/jdk-14.sh

```
source /etc/profile.d/jdk-14.sh
```

 # java -version   (Output should be as below) -

```
dell@dell:/usr/lib/jvm/jdk-14$ java -version
java version "14" 2020-03-17
Java(TM) SE Runtime Environment (build 14+36-1461)
Java HotSpot(TM) 64-Bit Server VM (build 14+36-1461, mixed mode, sharing)
```

Java installation has been finished.

Now, it's time to install the SNX for VPN connection.
#sudo apt-get update
#sudo apt-get install libpam0g:i386 libstdc++5 libx11-6:i386 libstdc++6:i386 libstdc++5:i386

Download SNX file from https://drive.google.com/open?id=19hlMkhCMjPDiAlKO41I52uS1W_d--K1q

Give executable permission to the **snx_install_linux30.sh** file.
#chmod a+x snx_install_linux30.sh

Now, run it.
#sudo sh snx_install_linux30.sh

 # snx -s vpn.iitgn.ac.in -u {Your Internet ID}