

Using the Juniper SSL VPN client with Linux

You need to have a Java JRE and browser client enabled and xterm available.

Try the web client, there are two possible outcomes:

- 1) If you have a system that is 32Bit and has not disabled the root account password. It will probably work.
- 2) It will fail.

If it fails it will have unpacked a number of files in a directory called `.juniper_networks` in your home directory.

```
[aneil2@island ~]$ ls -al .juniper_networks/network_connect/
total 2868
drwx--s--x. 3 aneil2  400    4096 May  9 10:32 .
drwx--s--x. 4 aneil2  400    4096 May  9 11:04 ..
-rw-----. 1 aneil2  400     310 May  9 10:31 installnc.log
-rwxr--r--. 1 aneil2  400     721 May  9 10:31 installNC.sh
-rw-----. 1 aneil2  400 1603632 May  9 10:31 libncui.so
drwxrwsr-x. 2 aneil2  400    4096 May  9 10:32 META-INF
-rw-----. 1 aneil2  400         0 May  9 10:31 missing.info
-rw-----. 1 aneil2  400   79292 May  9 10:31 ncdiag
-rw-----. 1 aneil2  400   46207 May  9 10:31 NC.jar
-rws--s--x. 1 root    root 1175432 Aug  2 2010 ncsvc
-rwxr--r--. 1 aneil2  400    1829 May  9 10:31 xlaunchNC.sh
```

and:

```
ls -al .juniper_networks/tmp
total 2872
drwx--s--x. 3 aneil2  400    4096 May  9 10:31 .
drwx--s--x. 4 aneil2  400    4096 May 10 10:22 ..
-rw-----. 1 aneil2  400     770 May 10 10:20 getx509certificate.sh
```

You can run this `getx509certificate.sh` script to extract the cert for the `sslvpn01.gmu.edu`:

```
[aneil2@island .juniper_networks]$ sh tmp/getx509certificate.sh
129.174.3.244 ~/vpn.crt
Connecting to 129.174.3.244 port 443
Generating Certificate .... done.
```

if you have 32bit java installed you can now run the `NC.jar` utility manually:

```
java -jar /home/aneil2/.juniper_networks/network_connect/NC.jar -h
sslvpn01.gmu.edu -u aneil2 -r 'GMU Teleworker Realm' -f
/home/aneil2/vpn.crt
```

I also found this script which automates the procedure but I have not had time to test it:

<http://mad-scientist.net/junipernc>