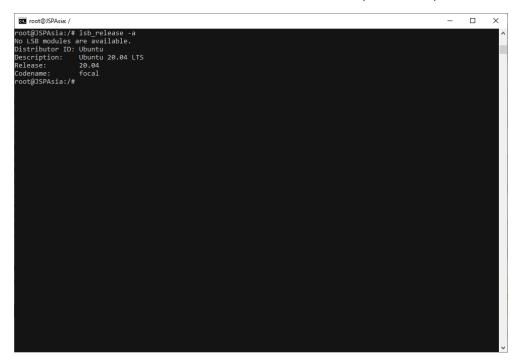
Credit

https://www.debuntu.org/how-to-connect-to-a-cisco-vpn-with-vpnc/
https://www.lullabot.com/articles/using-vpnc-as-a-command-line-vpn-client
http://manpages.ubuntu.com/manpages/trusty/man8/vpnc.8.html

1. This manual was created on Ubuntu 20.04 LTS (Cloud VPS)



2. Currently, there is no VPN connection to JSS-TH-HO. Test PING to 172.31.80.212 (JSS Core System, IBM i server), all PING packets are loss.

3. There is only one package to install in order to connect to a cisco VPN: vpnc.

sudo apt-get install vpnc

```
coot@JSPAsia:/# lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description: Ubuntu 20.04 LTS
Release: 20.04
Codename: fo.ca
root@JSPAsia:/# ping 172.31.80.212
PING 172.31.80.212 (172.31.80.212) 56(84) bytes of data.
^c
--- 172.31.80.212 ping statistics ---
48 packets transmitted, 0 received, 100% packet loss, time 48132ms
root@JSPAsia:/# sudo apt-get install vpnc
```

```
No ISB modules are available.
Distributor ID: Ubuntu
Description: Ubuntu 20.04 LTS
Release: 20.04
Codename: focal
roct@ISPAsia:/# ping 172.31.80.212
PING 172.31.80.212 (172.31.80.212) 56(84) bytes of data.
^C
---- 172.31.80.212 ping statistics ---
48 packets transmitted, 0 received, 100% packet loss, time 48132ms
roct@ISPAsia:/# sudo apt-get install vpnc
sudo: unable to resolve host JSPAsia: Temporary failure in name resolution
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
vpnc-scripts
Suggested packages:
resolvcord dnsmasq
The following NEW packages will be installed:
vpnc vpnc-scripts
0 upgraded, 2 newly installed, 0 to remove and 107 not upgraded.
Need to get 92.0 % Bo farchives.
After this operation, 291 kB of additional disk space will be used.
Do you want to continue; [V/n] y
Get:1 http://ua.archive.ubuntu.com/ubuntu focal/universe amd64 vpnc-scripts all 0.1-git20190117-1 [13.8 kB]
Get:2 http://ua.archive.ubuntu.com/ubuntu focal/universe amd64 vpnc amd64 0.5.3r550-3.1 [78.2 kB]
Fetched 92.0 kB in 2s (39.4 kB/s)
Selecting previously unselected package vpnc.
Preparing to unpack .../ypnc-Scripts 9.1-git20190117-1 [all.deb ...
Unpacking vpnc (6.5.3r550-3.1) ...
Selecting up vpnc (6.5.3r550-3.1) ...
Setting up vpnc (6.5.3r550-3.1) ...
```

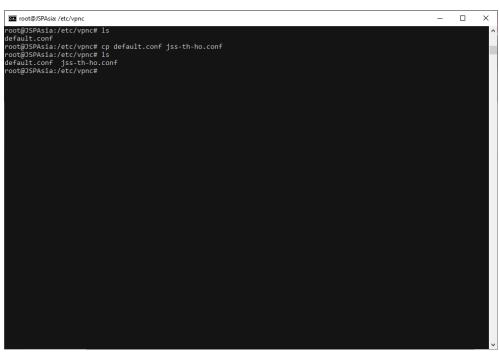
Note:

To install vpnc on CentOS, use command below instead.

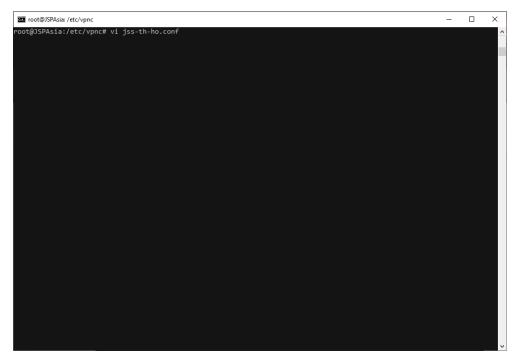
yum install vpnc

4. Create new VPN configuration file by copying from default.conf.

cd etc/vpnc cp default.conf jss-th-ho.conf

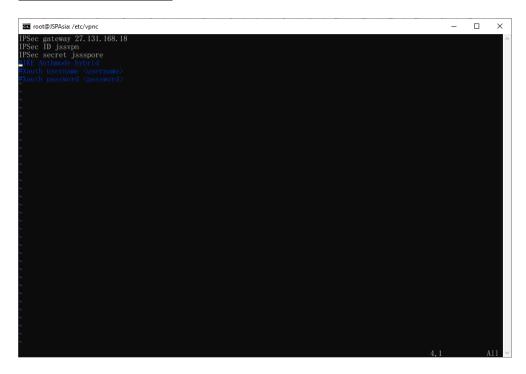


5. Edit jss-th-ho.conf file with vi (or any text-editor).



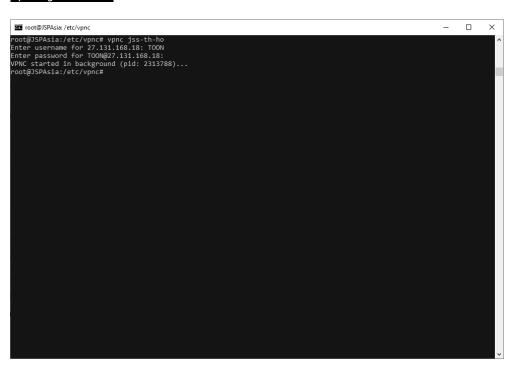
6. Edit jss-th-ho.conf only first 3 lines, leave other as comment lines as below.

IPSec gateway 27.131.168.18 IPSec ID jssvpn IPSec secret jssspore



7. Connect VPN with commands below and input VPN username/password.

vpnc jss-th-ho



Note:

Connecting a specific VPN is a single command away. You do not have to be in the /etc/vpnc directory to run this command: vpnc jss-th-ho

8. Now, JSS-TH-HO VPN is connected. Test PING to 172.31.80.212 (JSS Core System, IBM i server) again, all PING packets are received.

9. Disconnect VPN with commands below.

vpnc-disconnect

Note:

If you have multiple VPN clients running, the disconnect command will only affect the most recently established connection.

To kill all currently active vpnc connections, use the command:

killall vpnc