This document is intended for Global Protect VPN users using Ubuntu OS to connect to ASRC network. The VPN client installation doc includes instructions for both new installs and upgrades.

**New Installation Instructions:**

1. Contact [ITServices@gc.cuny.edu](mailto:ITServices@gc.cuny.edu) for installer.

2. Open terminal.
3. Enter the following commands.
   a. `sudo apt-get install libqt5webkit`
   b. `pwd`
   c. `cd Downloads`
   d. `ls`
*The commands in a - c point you to where your current home directory is, changes it to the Downloads directory, and shows whether you have Global Protect installer saved in Downloads directory.

```plaintext
it@taku18patest:~$ pwd
/home/it
it@taku18patest:~$ cd Downloads
it@taku18patest:~/Downloads$ ls
PanGPLinux-5-2-6-c18.tgz
it@taku18patest:~/Downloads$
```

e. tar -xvzf PanGPLinux-5-2-6-c18.tgz

```plaintext
it@taku18patest:~/Downloads$ tar -xvzf PanGPLinux-5-2-6-c18.tgz
.
./GlobalProtect.deb-5.2.6.0-18.deb
./GlobalProtect.deb_arm-5.2.6.0-18.deb
./GlobalProtect.rpm-5.2.6.0-18.rpm
./GlobalProtect.rpm_arm-5.2.6.0-18.rpm
./GlobalProtect.tar-5.2.6.0-18.tgz
./GlobalProtect_tar_arm-5.2.6.0-18.tgz
./GlobalProtect_UI.deb-5.2.6.0-18.deb
./GlobalProtect_UI.rpm-5.2.6.0-18.rpm
./GlobalProtect_UI.tar-5.2.6.0-18.tgz
./manifest
./reinfo
```

*This command is to decompress the Global Protect Linux installer.

f. sudo dpkg -i 'GlobalProtect_UI.deb-5.2.6.0.018.deb'

```plaintext
it@taku18patest:~/Downloads$ sudo dpkg -i 'GlobalProtect_UI.deb-5.2.6.0-18.deb'
[sudo] password for it:
Selecting previously unselected package globalprotect.
(Reading database ... 126097 files and directories currently installed.)
Preparing to unpack GlobalProtect_UI.deb-5.2.6.0-18.deb ...
Start installing gp...
Unpacking globalprotect (5.2.6-18) ...
Setting up globalprotect (5.2.6-18) ...
Enable gp service...
Starting gp service...
Set default browser, errors other than gp.desktop can be ignored ...
enable ping
net.ipv4.ping_group_range = 0 0
Starting gp...
start GPA for sudo user it
start PanGPUI for sudo it
Processing triggers for man-db (2.8.3-2) ...
it@taku18patest:~/Downloads$ 
```
4. Reboot your Linux computer. The GlobalProtect login should appear up on the screen. If not, then you should be able to see the globe icon near the clock on the top right.

5. Enter `rmasrc.gc.cuny.edu` as portal address, click Connect.
6. Enter your GC username and GC password. Click Sign in.

![Sign In Form]

7. You are now connected.

![Connected]

8. You can use ssh to remotely connect your ASRC workstation.
Upgrade instructions:

1. Contact ITServices@gc.cuny.edu for the latest VPN installer.
2. Contact ITServices@gc.cuny.edu for the VPN installer.
3. Open terminal.
4. Enter the following commands.
   a. `pwd`
   b. `cd Downloads`
   c. `ls`
   d. `tar -xvzf PanGPLinux-5.3.4-c5.tgz`

```
$ tar -xvzf PanGPLinux-5.3.4-c5.tgz
```

*This command is to decompress the Global Protect Linux installer.*

e. `sudo dpkg -i 'GlobalProtect_UI_deb-5.3.4.0-5.deb'`

```
$ sudo dpkg -l GlobalProtect_UI_deb-5.3.4.0-5.deb
```

f. Verify the version number in About menu.

```
About GlobalProtect

GlobalProtect: 5.3.4-5
Copyright 2009-2022, Palo Alto Networks, Inc.
```