This document is intended for Global Protect VPN users using CentOS/Fedora 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 the latest version of the installer.

2. Open terminal.

3. **For CentOS enter the following commands:**
   - `sudo yum install epel-release`
   - `sudo yum install qt5-qtwebkit`

   **For Fedora enter the following commands:**
   - `sudo yum install qt5-qtwebkit`

4. Enter the following commands.
   a. `pwd`
   b. `cd Downloads`
   c. `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.*
d. `tar -xvf 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
./relinfo
```

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

e. `sudo yum install 'GlobalProtect_UI_rpm-5.2.6.0.018.rpm'`
   i. Press Y to proceed

f. Or enter: `sudo dnf localinstall 'GlobalProtect_UI_rpm-5.2.6.0.018.rpm'`
5. 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.

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

8. You are now connected.

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

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

```
[ladmin@cos Downloads]$ tar -xvzf PanGPLinux-5.3.4-c5.tgz
./
./GlobalProtect_deb-5.3.4-0-5.deb
./GlobalProtect_deb_arm-5.3.4-0-5.deb
./GlobalProtect_rpm-5.3.4-0-5.rpm
./GlobalProtect_rpm_arm-5.3.4-0-5.rpm
./GlobalProtect_tar-5.3.4-0-5.tgz
./GlobalProtect_UI_deb-5.3.4-0-5.deb
./GlobalProtect_UI_rpm-5.3.4-0-5.rpm
./GlobalProtect_UI_tar-5.3.4-0-5.tgz
./manifest
./relinfo
```

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

e. `sudo yum install ‘GlobalProtect_UI_rpm-5.3.4.0-5.rpm’`

f. Or enter: `sudo dnf localinstall ‘GlobalProtect_UI_rpm-5.3.4.0-5.rpm’` and press Y to proceed the upgrade

```
[ladmin@cos Downloads]$ sudo yum install GlobalProtect_UI_rpm-5.3.4.0-5.rpm
Loaded plugins: fastestmirror, langpacks
Examining GlobalProtect_UI_rpm-5.3.4.0-5.rpm: globalprotect-5.3.4-5.x86_64
Marking GlobalProtect_UI_rpm-5.3.4.0-5.rpm as an update to globalprotect-5.2.6-18.x86_64
Resolving Dependencies
---> Running transaction check
----> Package globalprotect_UI.x86_64 0:5.2.6-18 will be updated
----> Package globalprotect_UI.x86_64 0:5.3.4-5 will be an update
---> Finished Dependency Resolution

Dependencies Resolved

```

<table>
<thead>
<tr>
<th>Package</th>
<th>Version</th>
<th>Repository</th>
</tr>
</thead>
<tbody>
<tr>
<td>globalprotect_UI</td>
<td>x86_64 5.3.4-5</td>
<td>/GlobalProtect_UI_rpm-5.3.4.0-5</td>
</tr>
</tbody>
</table>

Transaction Summary

Update 1 Package

Total size: 34 M
Is this ok [y/d/N]: y

g. Verify the version number in About menu.