COLLEGE OF THE Holy Cross | Information Technology Services

Installing the Global Protect Client (GUI)

Client Support Matrix

Global Protect Version 6.1+	**CentOS 8.3** **Ubuntu 16.04 – 22.04**

To see a full list of supported Linux versions, visit Palo Alto here: Full Support List

1. Download the client version appropriate for your OS (Version 6.1 used in demo)
    a. Link to 6.1: Google Drive Download
    b. If you have a headless device, the download will need to be saved to a USB or copied from another GUI device using the scp command.
2. Change to the directory where the file is and extract the tar file

```
Sudo mkdir ~/vpn_tmp

Sudo tar -xvf VPN_Agent_Linux.tar -C ~/vpn_tmp

cd ~/vpn_tmp
```

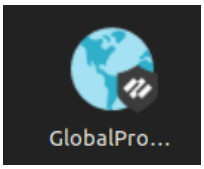
3. You will see multiple installation packages for supported operating system versions—DEB for Debian and Ubuntu and RPM for CentOS and Red Hat. The package for the GUI version is denoted by a GlobalProtect_UI prefix.
4. After locating your installation package, install using one of the following methods:
   Ubuntu:

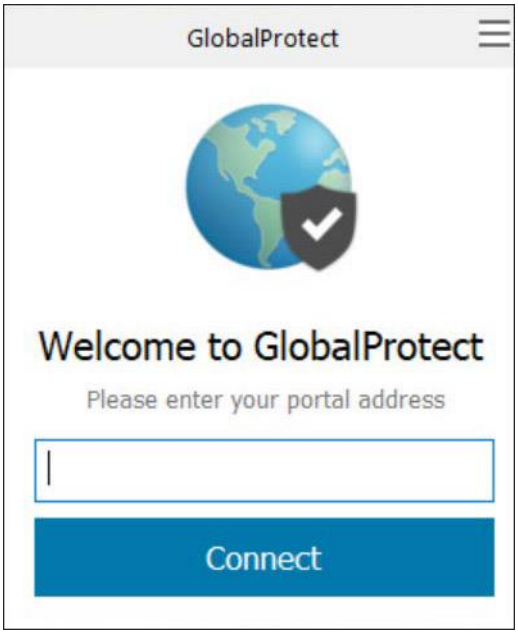
```
sudo apt-get install ./GlobalProtect_UI_deb-6.1.0.0-44.deb
```

   Redhat / CentOS:

```
sudo rpm -ivh <file>.rpm
or
sudo yum install <file>.rpm
or
sudo dnf install <file>.rpm
```

5. Once the installation completes, the Global Protect GUI will appear asking for a portal address. If this does not occur, search for “GlobalProtect” in your apps catalog and launch it.





6. Modify the GlobalProtect settings to use your default browser.

sudo vi /opt/paloaltonetworks/globalprotect/pangps.xml

7. Under <Settings> add a new line

<default-browser>yes</default-browser>

8. Save the file and exit.
9. Modify SSL settings to allow Legacy Renogotiation. Otherwise you will see a "SSL Handshake Failed" error.
10. Open /usr/lib/ssl/openssl.cnf and towards bottom of file, add:

```
[system_default_sect]
Options = UnsafeLegacyRenegotiation
```

11. Save and exit.

COLLEGE OF THE Holy Cross | Information Technology Services

Connecting to the HC VPN Portal

1. Within the GlobalProtect GUI, type in **palovpn.holycross.edu.** Then hit **Connect.**
2. You will be asked for your Google mail credentials to authenticate.

Note: We recommend that you have Firefox/Chrome set as your default browser. If you experience issues in this step, close and search for the "GlobalProtect" app to start again. A system reboot may also be required.

3. The GlobalProtect GUI will show that you have successfully connected to the Holy Cross VPN.

Connecting to the HC VPN Portal (CLI)

1. Follow steps 1-6 from Installing the Global Protect Client
2. Launch the terminal and run the following command

```
globalprotect connect –portal palovpn.holycross.edu
```

Disconnect or see Status for HC VPN Portal

1. You can see the status of your VPN connection by running the following command

```
globalprotect show --details
```

2. To disconnect from the HC VPN Portal

```
globalprotect disconnect
```

One College Street | Worcester, Massachusetts 01610
phone (508) 793–2477 | *fax* (508) 793–2711 | www.holycross.edu