

Linux Fedora 37 - Global Protect VPN Setup

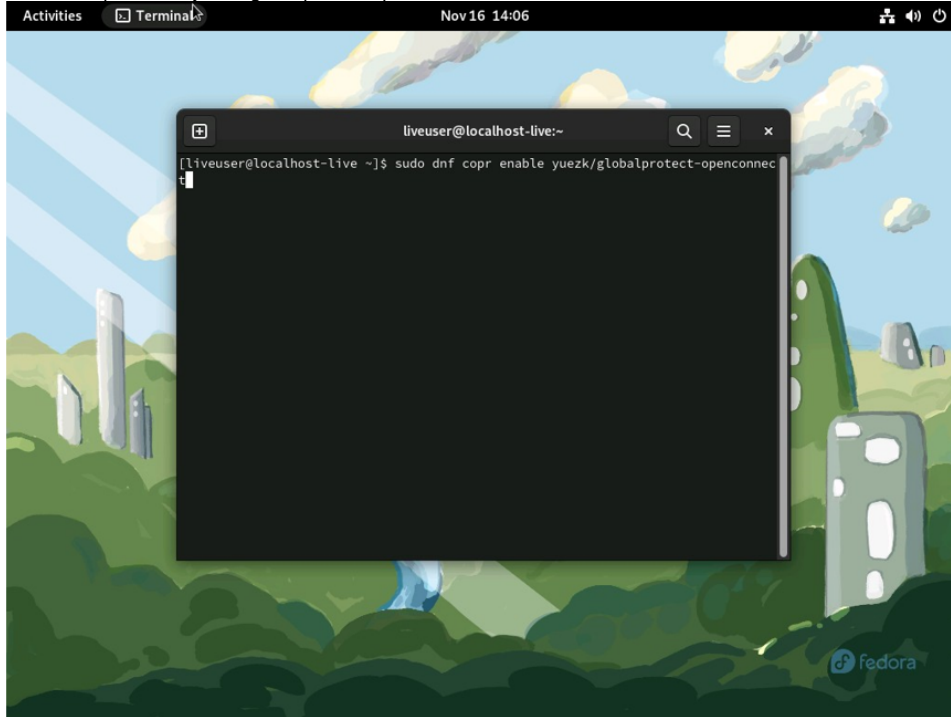
To successfully install Global Protect VPN, please open the terminal and run the commands in the number order stipulated below.

Tip: To ensure that the process complete successfully, manually type out the commands. In addition, we have provided a complete guide with screenshots below detailing the entire setup process.

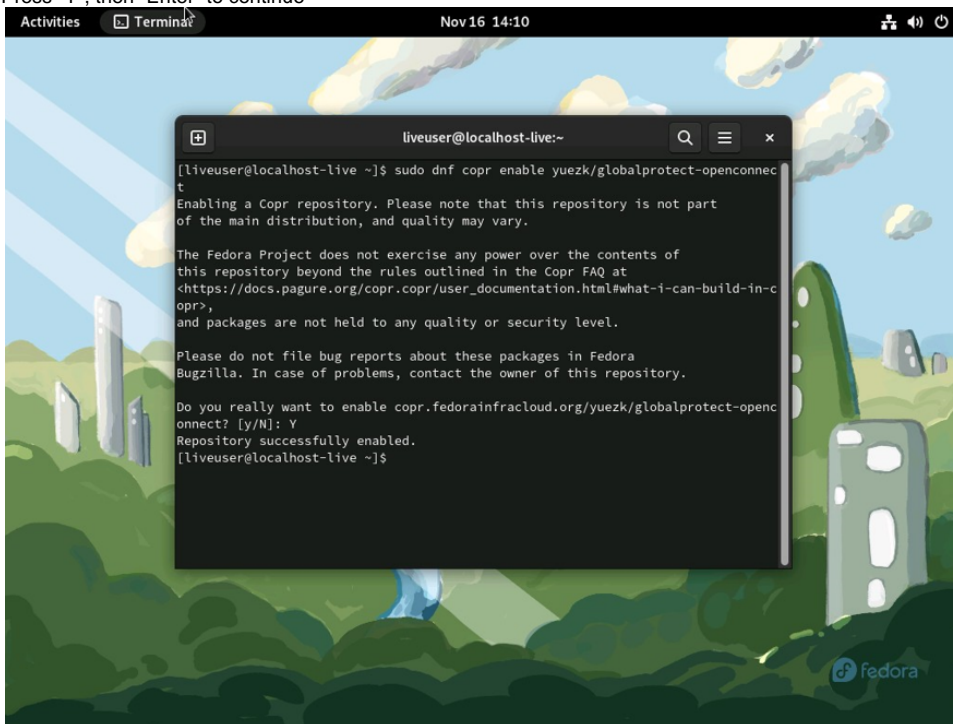
Step-by-step guide

These steps will be done in Terminal.

1. `sudo dnf copr enable yuezk/globalprotect-openconnect`



2. Press "Y", then "Enter" to continue



A terminal window titled "liveuser@localhost-live:~" is open over a Fedora desktop background. The terminal shows the command `sudo dnf copr enable yuezk/globalprotect-openconnect` being executed. The output includes a warning about the repository's quality, a disclaimer from the Fedora Project, and a confirmation prompt. The user has responded with 'Y'.

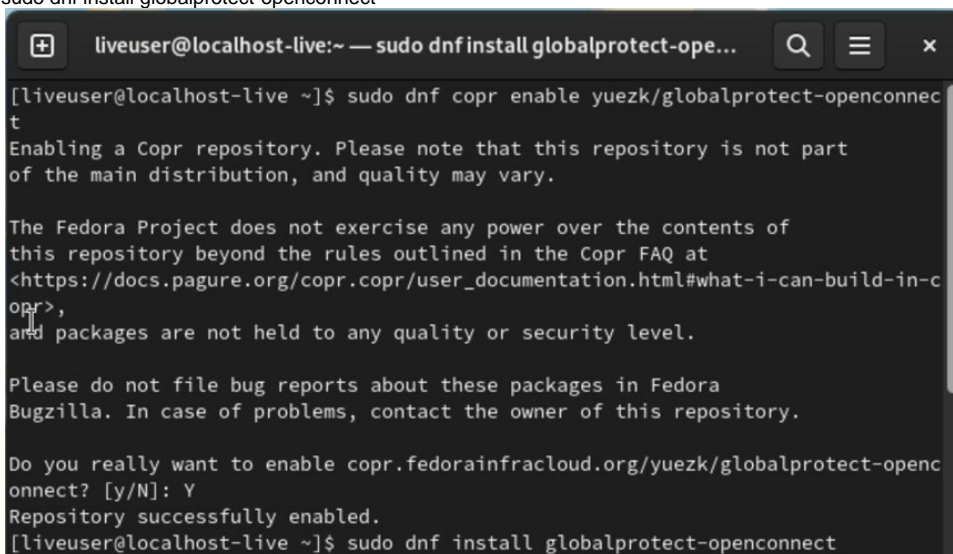
```
[liveuser@localhost-live ~]$ sudo dnf copr enable yuezk/globalprotect-openconnect
Enabling a Copr repository. Please note that this repository is not part
of the main distribution, and quality may vary.

The Fedora Project does not exercise any power over the contents of
this repository beyond the rules outlined in the Copr FAQ at
<https://docs.pagure.org/copr.copr/user_documentation.html#what-i-can-build-in-copr>,
and packages are not held to any quality or security level.

Please do not file bug reports about these packages in Fedora
Bugzilla. In case of problems, contact the owner of this repository.

Do you really want to enable copr.fedorainfracloud.org/yuezk/globalprotect-openc
onnect? [y/N]: Y
Repository successfully enabled.
[liveuser@localhost-live ~]$
```

3. Type the last command to install Global Protect:
`sudo dnf install globalprotect-openconnect`



A terminal window titled "liveuser@localhost-live:~ — sudo dnf install globalprotect-ope..." is open. It shows the same command as the previous window, `sudo dnf copr enable yuezk/globalprotect-openconnect`, being executed. The output is identical to the previous window, showing the repository being enabled successfully.

```
[liveuser@localhost-live ~]$ sudo dnf copr enable yuezk/globalprotect-openconnect
Enabling a Copr repository. Please note that this repository is not part
of the main distribution, and quality may vary.

The Fedora Project does not exercise any power over the contents of
this repository beyond the rules outlined in the Copr FAQ at
<https://docs.pagure.org/copr.copr/user_documentation.html#what-i-can-build-in-copr>,
and packages are not held to any quality or security level.

Please do not file bug reports about these packages in Fedora
Bugzilla. In case of problems, contact the owner of this repository.

Do you really want to enable copr.fedorainfracloud.org/yuezk/globalprotect-openc
onnect? [y/N]: Y
Repository successfully enabled.
[liveuser@localhost-live ~]$ sudo dnf install globalprotect-openconnect
```

4. Confirm the installation by typing “Y” and press Enter.

```
of the main distribution, and quality may vary.

The Fedora Project does not exercise any power over the contents of
this repository beyond the rules outlined in the Copr FAQ at
<https://docs.pagure.org/copr.copr/user_documentation.html#what-i-can-build-in-copr>,
and packages are not held to any quality or security level.

Please do not file bug reports about these packages in Fedora
Bugzilla. In case of problems, contact the owner of this repository.

Do you really want to enable copr.fedorainfracloud.org/yuezk/globalprotect-openconnect? [y/N]: Y
Repository successfully enabled.
[liveuser@localhost-live ~]$ sudo dnf install globalprotect-openconnect
Copr repo for globalprotect-openconnect owned b 2.0 kB/s | 2.4 kB 00:01
Fedora 37 - x86_64 2.6 MB/s | 64 MB 00:24
Fedora 37 openh264 (From Cisco) - x86_64 846 B/s | 2.5 kB 00:03
Fedora Modular 37 - x86_64 742 kB/s | 3.0 MB 00:04
Fedora 37 - x86_64 - Updates 1.7 MB/s | 12 MB 00:07
Fedora Modular 37 - x86_64 - Updates 1.3 MB/s | 3.7 MB 00:02
Dependencies resolved.
=====
Package Arch Version Repository Size
=====
Installing:
globalprotect-openconnect x86_64 1.4.8-1.1 copr:copr.fedorainfracloud.org:yuezk:globalprotect-openconnect
196 k
Installing dependencies:
qt5-qtlocation x86_64 5.15.6-1.fc37 fedora 3.0 M
qt5-qttools-common noarch 5.15.6-1.fc37 fedora 11 k
qt5-qttools-libs-designer x86_64 5.15.6-1.fc37 fedora 2.7 M
qt5-qtwebchannel x86_64 5.15.6-1.fc37 fedora 99 k
qt5-qtwebengine x86_64 5.15.10-2.fc37 fedora 53 M
qt5-qtwebsockets x86_64 5.15.6-1.fc37 fedora 87 k
re2 x86_64 1:20211101-3.fc36 fedora 196 k
Transaction Summary
=====
Install 8 Packages

Total download size: 59 M
Installed size: 172 M
Is this ok [y/N]: Y
```

5. Complete install by pressing “Y”

```
Fedora 37 - x86_64 - Updates 1.7 MB/s | 12 MB 00:07
Fedora Modular 37 - x86_64 - Updates 1.3 MB/s | 3.7 MB 00:02
Dependencies resolved.
=====
Package Arch Version Repository Size
=====
Installing:
globalprotect-openconnect x86_64 1.4.8-1.1 copr:copr.fedorainfracloud.org:yuezk:globalprotect-openconnect
196 k
Installing dependencies:
qt5-qtlocation x86_64 5.15.6-1.fc37 fedora 3.0 M
qt5-qttools-common noarch 5.15.6-1.fc37 fedora 11 k
qt5-qttools-libs-designer x86_64 5.15.6-1.fc37 fedora 2.7 M
qt5-qtwebchannel x86_64 5.15.6-1.fc37 fedora 99 k
qt5-qtwebengine x86_64 5.15.10-2.fc37 fedora 53 M
qt5-qtwebsockets x86_64 5.15.6-1.fc37 fedora 87 k
re2 x86_64 1:20211101-3.fc36 fedora 196 k
Transaction Summary
=====
Install 8 Packages

Total download size: 59 M
Installed size: 172 M
Is this ok [y/N]: Y
Downloading Packages:
(1/8): qt5-qttools-common-5.15.6-1.fc37.noarch.rpm 63 kB/s | 11 kB 00:00
(2/8): globalprotect-openconnect-1.4.8-1.1.x86_64.rpm 186 kB/s | 196 kB 00:01
(3/8): qt5-qtwebchannel-5.15.6-1.fc37.x86_64.rpm 215 kB/s | 99 kB 00:00
(4/8): qt5-qttools-libs-designer-5.15.6-1.fc37.x86_64.rpm 1.8 MB/s | 2.7 MB 00:01
(5/8): qt5-qtwebsockets-5.15.6-1.fc37.x86_64.rpm 610 kB/s | 87 kB 00:00
(6/8): re2-20211101-3.fc36.x86_64.rpm 1.7 MB/s | 196 kB 00:00
(7/8): qt5-qtlocation-5.15.6-1.fc37.x86_64.rpm 1.5 MB/s | 3.0 MB 00:01
(8/8): qt5-qtwebengine-5.15.10-2.fc37.x86_64.rpm 2.8 MB/s | 53 MB 00:18
-----
Total 2.7 MB/s | 59 MB 00:22
Copr repo for globalprotect-openconnect owned by yuezk 10 kB/s | 1.0 kB 00:00
Importing GPG key 0xA375A7F:
Userid : "yuezk_globalprotect-openconnect (None) <yuezk@globalprotect-openconnect@copr.fedorahosted.org>"
Fingerprint: 9795 1CF5 DFEA 8997 A877 CD07 5ABB 7147 AA37 5A7F
From : https://download.copr.fedorainfracloud.org/results/yuezk/globalprotect-openconnect/pubkey.gpg
Is this ok [y/N]: Y
```

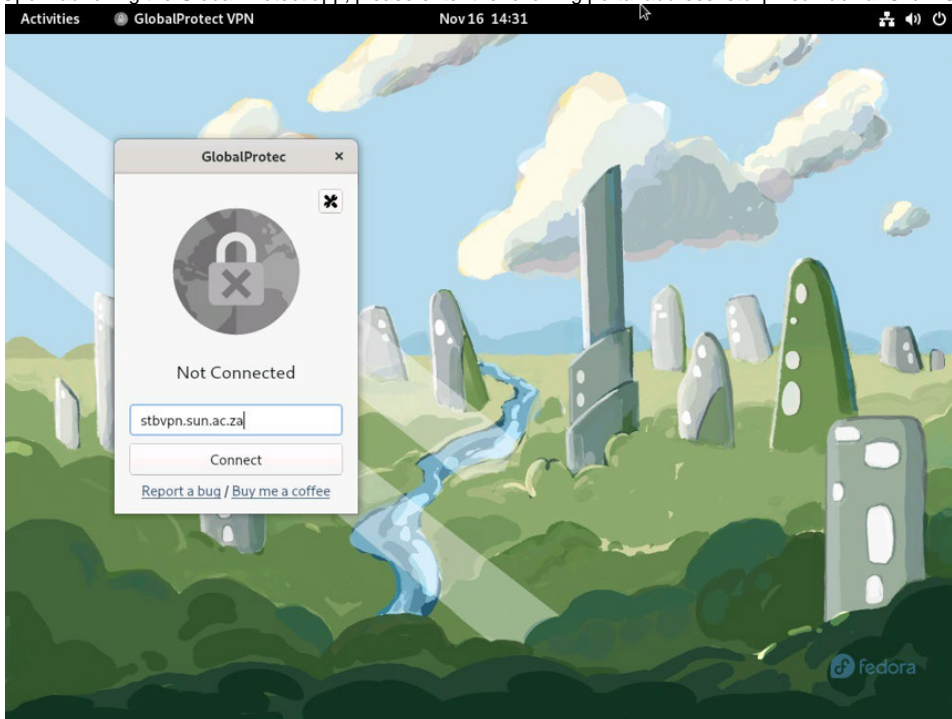
6. After installation has completed, please close the below screen and search for the Global Protect VPN software on your Fedora OS device:

```
total 2.7 MB/s | 59 MB 00:22
Copr repo for globalprotect-openconnect owned by yuezk 10 kB/s | 1.0 kB 00:00
Importing GPG key 0xAA375A7F:
  Userid : "yuezk@globalprotect-openconnect (None) <yuezk@globalprotect-openconnect@copr.fedorahosted.org>"
  Fingerprint: 9795 1CF5 DFEA 8997 A877 CD07 5ABB 7147 AA37 5A7F
  From : https://download.copr.fedorainfracloud.org/results/yuezk/globalprotect-openconnect/pubkey.gpg
Is this ok [y/N]: Y
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing : 1/1
  Installing : re2-1:20211101-3.fc36.x86_64 1/8
  Installing : qt5-qtwebsockets-5.15.6-1.fc37.x86_64 2/8
  Installing : qt5-qtwebchannel-5.15.6-1.fc37.x86_64 3/8
  Installing : qt5-qttools-common-5.15.6-1.fc37.noarch 4/8
  Installing : qt5-qttools-labs-designer-5.15.6-1.fc37.x86_64 5/8
  Installing : qt5-qtlocation-5.15.6-1.fc37.x86_64 6/8
  Installing : qt5-qtwebengine-5.15.10-2.fc37.x86_64 7/8
  Running scriptlet: qt5-qtwebengine-5.15.10-2.fc37.x86_64 7/8
  Running scriptlet: globalprotect-openconnect-1.4.8-1.1.x86_64 8/8
  Installing : globalprotect-openconnect-1.4.8-1.1.x86_64 8/8
  Running scriptlet: globalprotect-openconnect-1.4.8-1.1.x86_64 8/8
  Verifying : globalprotect-openconnect-1.4.8-1.1.x86_64 1/8
  Verifying : qt5-qtlocation-5.15.6-1.fc37.x86_64 2/8
  Verifying : qt5-qttools-common-5.15.6-1.fc37.noarch 3/8
  Verifying : qt5-qttools-labs-designer-5.15.6-1.fc37.x86_64 4/8
  Verifying : qt5-qtwebchannel-5.15.6-1.fc37.x86_64 5/8
  Verifying : qt5-qtwebengine-5.15.10-2.fc37.x86_64 6/8
  Verifying : qt5-qtwebsockets-5.15.6-1.fc37.x86_64 7/8
  Verifying : re2-1:20211101-3.fc36.x86_64 8/8

Installed:
  globalprotect-openconnect-1.4.8-1.1.x86_64
  qt5-qttools-common-5.15.6-1.fc37.noarch
  qt5-qtwebchannel-5.15.6-1.fc37.x86_64
  qt5-qtwebsockets-5.15.6-1.fc37.x86_64
  qt5-qtlocation-5.15.6-1.fc37.x86_64
  qt5-qttools-labs-designer-5.15.6-1.fc37.x86_64
  qt5-qtwebengine-5.15.10-2.fc37.x86_64
  re2-1:20211101-3.fc36.x86_64

Complete!
[liveuser@localhost-live ~]$
```

7. Upon launching the Global Protect app, please enter the following portal address: stbvpn.sun.ac.za. Click "Connect" to continue



8. Enter your SU email address. Click on Next to continue.



Sign in

@sun.ac.za|

[Can't access your account?](#)

Next

To Sign-in at Stellenbosch University requires @sun.ac.za username. Passwords can be changed at www.sun.ac.za/password



Sign-in options

9. Enter your SU email address. Click "Sign in" to continue.



@sun.ac.za

Enter password

.....|

[Forgot my password](#)

Sign in


To Sign-in at Stellenbosch University requires
@sun.ac.za username. Passwords can be
changed at www.sun.ac.za/password

10. If you have Multi-Factor Authentication (MFA) set up, you will have to verify the SU account using the authentication method you have set up.

Alternatively, Global Protect will automatically be in "Connected" state as indicated below. **Note:** It is recommended that you set up the Authenticator app for this. See setup link below: Click **here** to set up MFA on your device using the "Microsoft Authenticator" app:

____@sun.ac.za

Approve sign in request

 Open your Microsoft Authenticator app and approve the request to sign in.

☐ Don't ask again for 30 days

[I can't use my Microsoft Authenticator app right now](#)

[More information](#)

To Sign-in at Stellenbosch University requires @sun.ac.za username. Passwords can be changed at www.sun.ac.za/password

11. Click "Yes" to continue.



|@sun.ac.za

Stay signed in?

Do this to reduce the number of times you are asked to sign in.

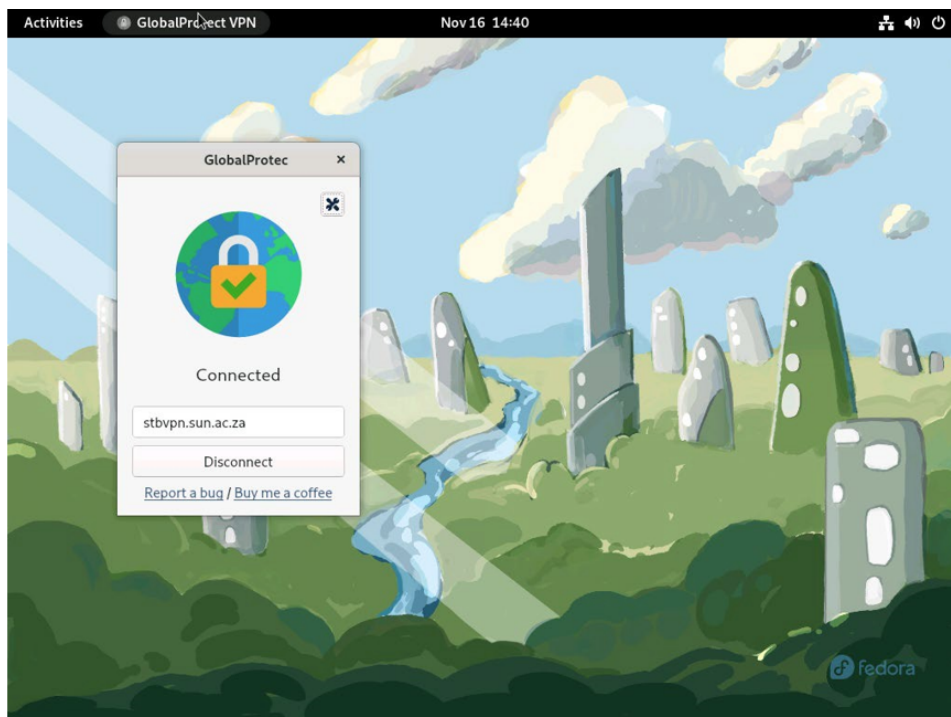
☐ Don't show this again

No

Yes

To Sign-in at Stellenbosch University requires @sun.ac.za username. Passwords can be changed at www.sun.ac.za/password

Note: The Global Protect VPN app will indicate a "Connected" state. From here, you will be able to access SU network resources remotely.



Related articles

- [SafeCom Printer setup for MacOS Sonoma](#)
- [ICT Charges \(ICT Student services\)](#)
- [Graduation Checklist](#)
- [FAQs Register & Connecting to Eduroam](#)
- [MFA](#)