

# **VPN Configuration Guide for Unix/Linux**

**Table of Contents**

- VPN Configuration Guide for Unix/Linux* ..... 1**
- Pulse Secure Client for UNIX..... 3**
  - Installation for Ubuntu 22.x LTS/24.x LTS:.....3
  - Installation for RedHat 8 & 9/Rocky Linux 9:.....3
- Configuration of VPN Client .....4
- Establish a VPN Connection .....4
- Disconnect the VPN Connection .....4

### ***Pulse Secure Client for UNIX***

#### ▪ **Installation for Ubuntu 22.x LTS/24.x LTS:**

1. Download the Debian Pulse Secure install package from the IT VPN download page:  
<http://it.rockefeller.edu/vpn#desktop>
  - a. For Ubuntu 24.x also download 'package\_installer.sh.zip' and unzip
2. Open Terminal and cd to the location where you downloaded the installer(s) from step 1 and run:
  - a. `sudo apt install bzip2 libnss3-tools`
  - b. For Ubuntu 24.x also run dependency script
    - i. `sudo ./package_installer.sh`
  - c. `sudo apt install ./ivanti_$version$.deb`
3. Install Chrome Embedded Browser:
  - a. `sudo /opt/pulsesecure/bin/setup_cef.sh install`
  - b. To check Browser installation:
    - i. `sudo /opt/pulsesecure/bin/setup_cef.sh check_installed`
  - c. If you encounter an error, try:
    - i. `sudo /opt/pulsesecure/bin/setup_cef.sh reinstall`

#### ▪ **Installation for RedHat 8 & 9/Rocky Linux 9:**

1. Download the RedHat/Core Linux Pulse Secure install package from the IT VPN download page: <http://it.rockefeller.edu/vpn>
2. Install EPEL repository:
  - a. `sudo dnf install epel-release (Rocky Linux9)`
  - b. `sudo dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-9.noarch.rpm`  
(RedHat 9)
  - c. `Sudo dnf install https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm`  
(RedHat 8)
3. Open Terminal and cd to the location where you downloaded the installer from step 1 and run:
  - a. `sudo dnf install ./ivanti_$version$.rpm`
4. Install Chrome Embedded Browser:
  - a. `sudo dnf install perl-Digest-SHA`  
  
`sudo /opt/pulsesecure/bin/setup_cef.sh install`
  - b. To check Browser installation:
    - i. `sudo /opt/pulsesecure/bin/setup_cef.sh check_installed`
  - c. If you encounter an error, try:
    - i. `sudo /opt/pulsesecure/bin/setup_cef.sh reinstall`

### Configuration of VPN Client

1. To run the PulseUI application, use the 'Search button' and search for pulse or check your installed apps
  - a. The PulseUI program icon should show up. For easy access you can drag it to the Launch bar
2. Run the PulseUI program
3. Click on the '+' button
  - a. Add a name and **vpn.rockefeller.edu/client** as the URL

### Establish a VPN Connection

1. Open Pulse Secure
2. Click **Connect**
3. Enter your log-in information when prompted
4. Authenticate via Duo 2factor when prompted
  - a. Refer to Duo's FAQ page for assistance on how to use Duo - <http://itservices.rockefeller.edu/duo-faq>

### Disconnect the VPN Connection

1. Open Pulse Secure
2. Click **Disconnect**