Installing Pulse Secure client on Linux

This article covers how to install the Pulse Secure VPN client on various versions of Linux.

Installing the Pulse Secure client on Linux:

1. Download the package installer to the Linux client:
   
   Please visit the Pulse Secure Client page on the software site to choose your download.

2. Then run the installer using the following command:
   
   For Debian-based Linux installation (such as Ubuntu):
   
   `sudo dpkg -i <package name>`
   
   For RPM-based Linux installation (such as CentOS):
   
   `sudo rpm -ivh <package name>`
   
   For example, if the Pulse Linux client is saved in `/home/downloads` on Ubuntu, then the command would be:
   
   `sudo dpkg -i /home/downloads/Pulse-linux-9.0r2.1-x64.rpm`

3. The script will prompt the user to install any missing dependent packages if they are not already installed.
   
   For example:
   
   Please execute below commands to install missing dependent packages manually
   
   `apt-get install lib32z1`
   
   `apt-get install libc6-i386`
   
   `apt-get install libwebkitgtk-1.0-0:i386`
   
   `apt-get install libproxy1:i386`
   
   `apt-get install libproxy1-plugin-gsettings:i386`
   
   `apt-get install libproxy1-plugin-webkit:i386`
   
   `apt-get install libdconf1:i386`
   
   `apt-get install dconf-gsettings-backend:i386`
   
   OR

   You can install the missing dependency packages by running the below script
   
   `/usr/local/pulse/PulseClient_x86_64.sh install_dependency_packages`

Launching the Pulse Secure client

The GUI client can be launched from the list of Installed Applications.

1. Locate "Pulse Secure" in list of applications
2. Create a new connection to "vpn.uconn.edu"
3. Click "Connect" next to new entry
4. Enter UConn NetID and password to Authenticate

To launch the client via CLI, the following steps can be used:

1. Open a new terminal window
2. Enter the root shell
```
~$ sudo –i
[sudo] password for username: password
```

3. Use the following command to launch the VPN client, substituting NetID with your UConn NetID in lowercase:

```
root@~#/usr/local/pulse/pulsesvc -h
```

*Note: This command is case sensitive and will only work as entered here.

4. You will be prompted for a VPN Password. Enter your NetID password. It will not be displayed or saved.

5. After the VPN tunnel is created successfully, the terminal window will remain blank and must remain open. If the terminal window is closed, this will close the VPN connection.

6. You can check the status of the connection by opening a new terminal window and using the following method.

```
~$ ifconfig
```

7. You can end your VPN session by closing the original terminal window or using ctrl+c to end the process.

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