

Linux Rhodes University VPN

Setup Guide

Summary:

This guide provides instructions on setting up a VPN connection to Rhodes University.

This document assumes that Ubuntu 24.04.3 LTS is installed and a user account has been created, and that you are on the user desktop experience. VPN access must be requested in advance. Student access requests must be supported by an HOD.

Prerequisites:

The following two commands are required to be run in the terminal before starting the VPN setup

1. Sudo apt update
2. Sudo apt upgrade

Steps:

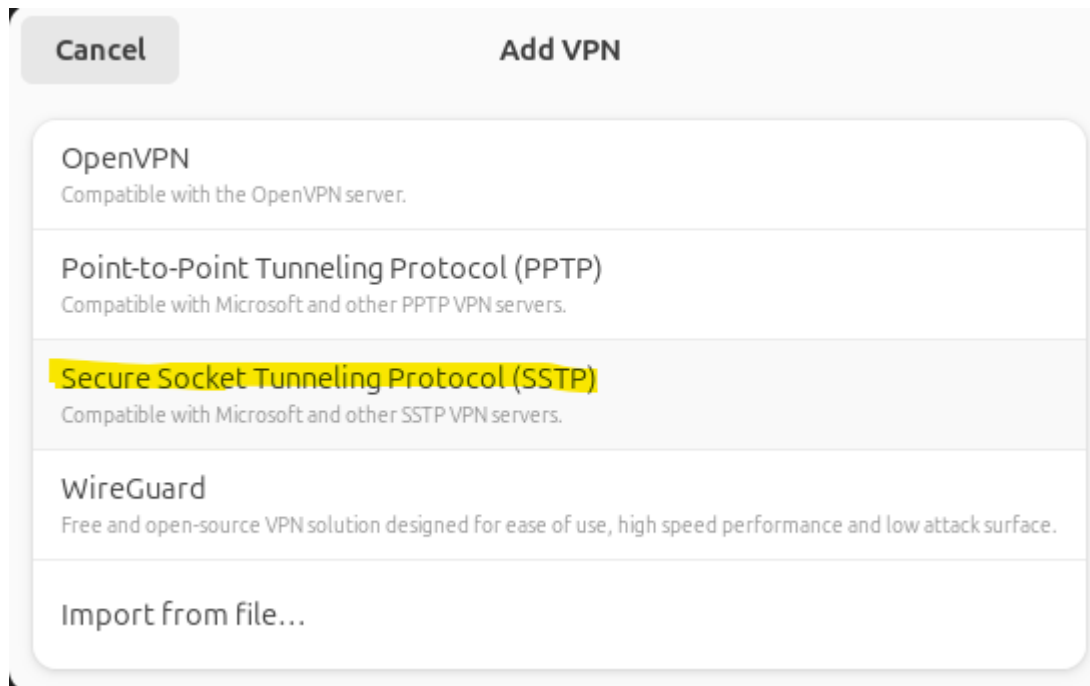
1. Select the “show apps” icon in the bottom left corner
2. Click on “Terminal”
3. In the terminal window, type:
 - 3.1. `sudo apt install network-manager-sstp sstp-client`

```
raj@raj-Vostro-15-5510:~$ sudo apt install network-manager-sstp sstp-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  network-manager-sstp-gnome
The following NEW packages will be installed:
  network-manager-sstp network-manager-sstp-gnome sstp-client
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 215 kB of archives.
After this operation, 1,218 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://za.archive.ubuntu.com/ubuntu noble/universe amd64 sstp-client amd64 1.0.19-1build2 [41.7 kB]
Get:2 http://za.archive.ubuntu.com/ubuntu noble/universe amd64 network-manager-sstp amd64 1.3.2-1build2 [135 kB]
Get:3 http://za.archive.ubuntu.com/ubuntu noble/universe amd64 network-manager-sstp-gnome amd64 1.3.2-1build2 [38.0 kB]
Fetched 215 kB in 1s (173 kB/s)
Selecting previously unselected package sstp-client.
(Reading database ... 171602 files and directories currently installed.)
Preparing to unpack .../sstp-client_1.0.19-1build2_amd64.deb ...
Unpacking sstp-client (1.0.19-1build2) ...
Selecting previously unselected package network-manager-sstp.
Preparing to unpack .../network-manager-sstp_1.3.2-1build2_amd64.deb ...
Unpacking network-manager-sstp (1.3.2-1build2) ...
Selecting previously unselected package network-manager-sstp-gnome.
Preparing to unpack .../network-manager-sstp-gnome_1.3.2-1build2_amd64.deb ...
Unpacking network-manager-sstp-gnome (1.3.2-1build2) ...
Setting up sstp-client (1.0.19-1build2) ...
Setting up network-manager-sstp (1.3.2-1build2) ...
Setting up network-manager-sstp-gnome (1.3.2-1build2) ...
Processing triggers for dbus (1.14.10-4ubuntu4.1) ...
Processing triggers for man-db (2.12.0-4build2) ...
raj@raj-Vostro-15-5510:~$
```

4. Once complete, close the terminal window
5. Select the “show apps” icon in the bottom left corner
6. Click “settings” to open the settings window
7. Select “Network” in the left pane
8. Select the + icon in the right pane, to the right of the word VPN to add VPN



9. Select “Secure Socket Tunneling Protocol (SSTP)”



10. On the new pop-up window, select the “Identity” tab and enter the following information

10.1 Name: RU_VPN

10.2 Gateway: vpn.ru.ac.za

10.3 Username: Enter your staff number

10.4 NT Domain: vpn.ru.ac.za

10.5 Select the “Add” button on the top right of the window

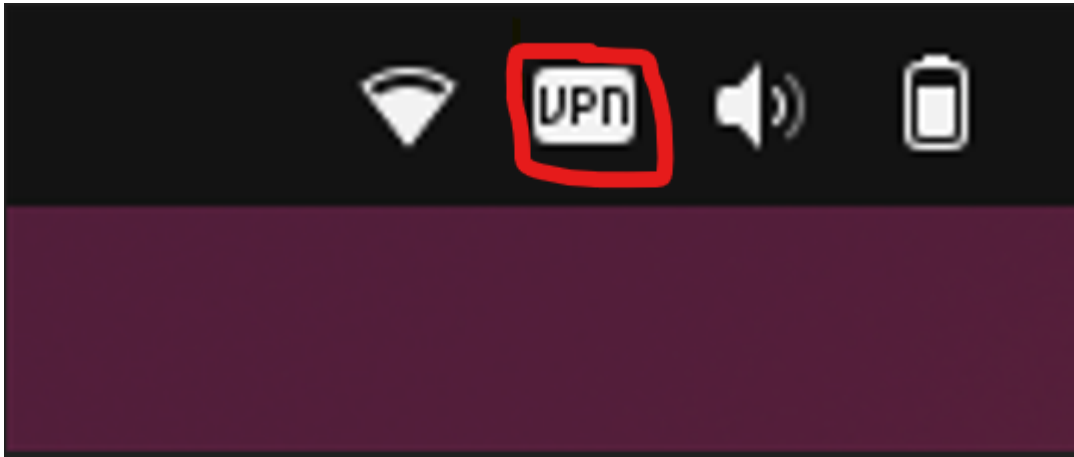
A screenshot of the 'Add VPN' dialog box with the 'Identity' tab selected. The dialog has tabs for 'Details', 'Identity', 'IPv4', and 'IPv6'. The 'Identity' tab is active, showing fields for 'Name' (RU_VPN), 'Gateway' (vpn.ru.ac.za), 'Authentication' (Type: Password, Username: yourstaffnumber, Password: [redacted], Show password checkbox), and 'NT Domain' (vpn.ru.ac.za). There is an 'Add' button in the top right corner and an 'Advanced...' button at the bottom right.

11. Connecting to the VPN

11.1 Select the network connection in the top right of the screen

11.2 Select “VPN” and then toggle the slider switch to “on”

12. To confirm connectivity to the RU VPN check the top right corner of the screen, you should see a “VPN” bubble as show below:



Process End