IPSEC VPN FOR UBUNTU 18

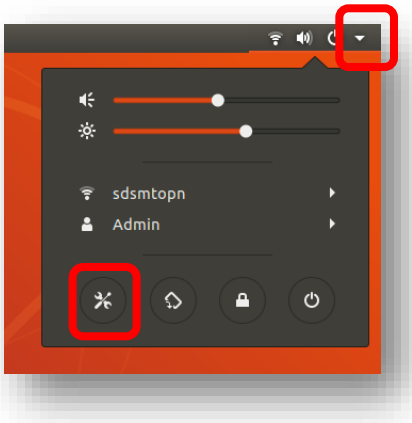
These instructions are for setting up Virtual Private Network (VPN) on South Dakota School of Mines & Technology (SDSM&T) users' computers. Installing and connecting the VPN will enable users to access campus resources and software licensing. These instructions are intended for SDSM&T use only.

INSTALL THE IPSEC PREREQUISITES

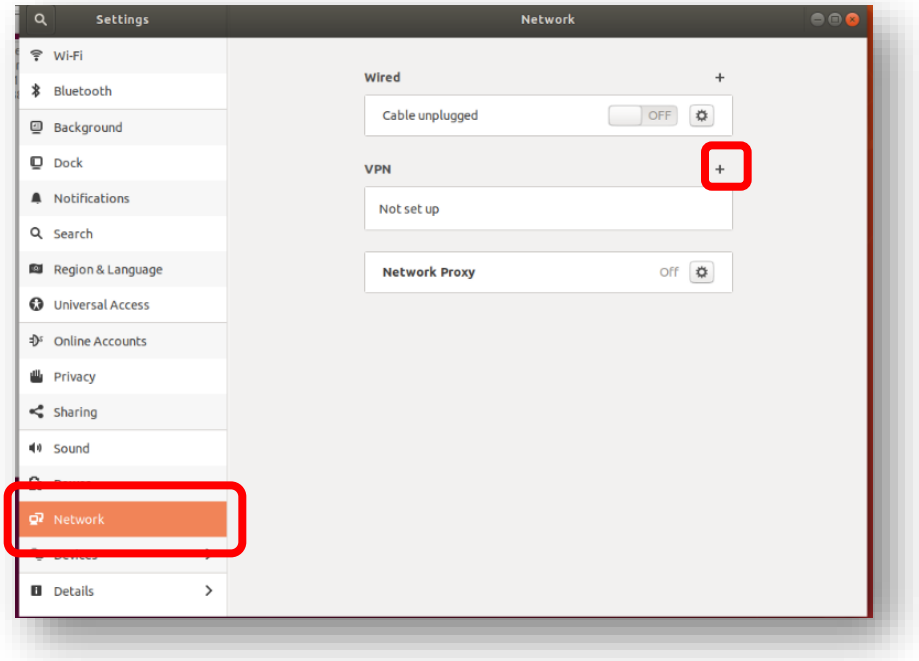
1. Before beginning, ensure you have root or sudo credentials
2. Open a terminal Window
3. Run the following commands:
    a. sudo apt-get update
    b. sudo apt-get upgrade
    c. sudo apt-get install network-manager
    d. sudo apt-get install network-manager-gnome
    e. sudo apt-get install network-manager-vpnc network-manager-vpnc-gnome
    f. sudo apt-get update
4. Reboot the system

CONFIGURE THE IPSEC VPN

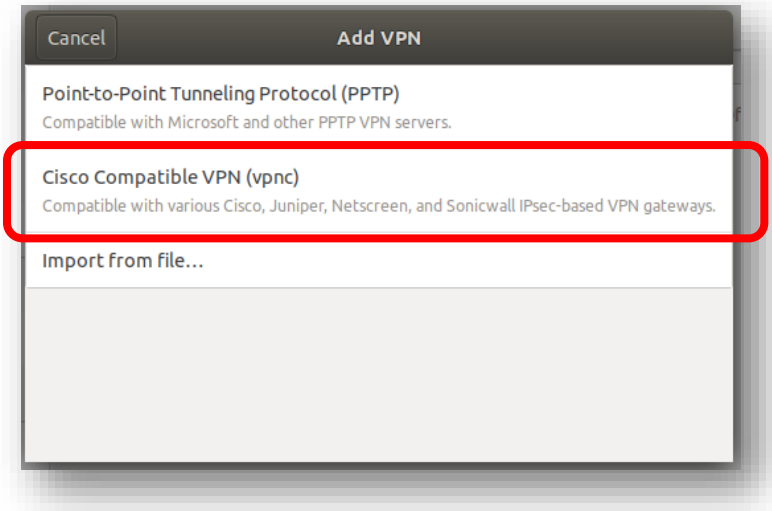
1. Click the down arrow in the top-right of the screen and choose the settings button



2. Choose the Network menu item and click the + in the VPN section



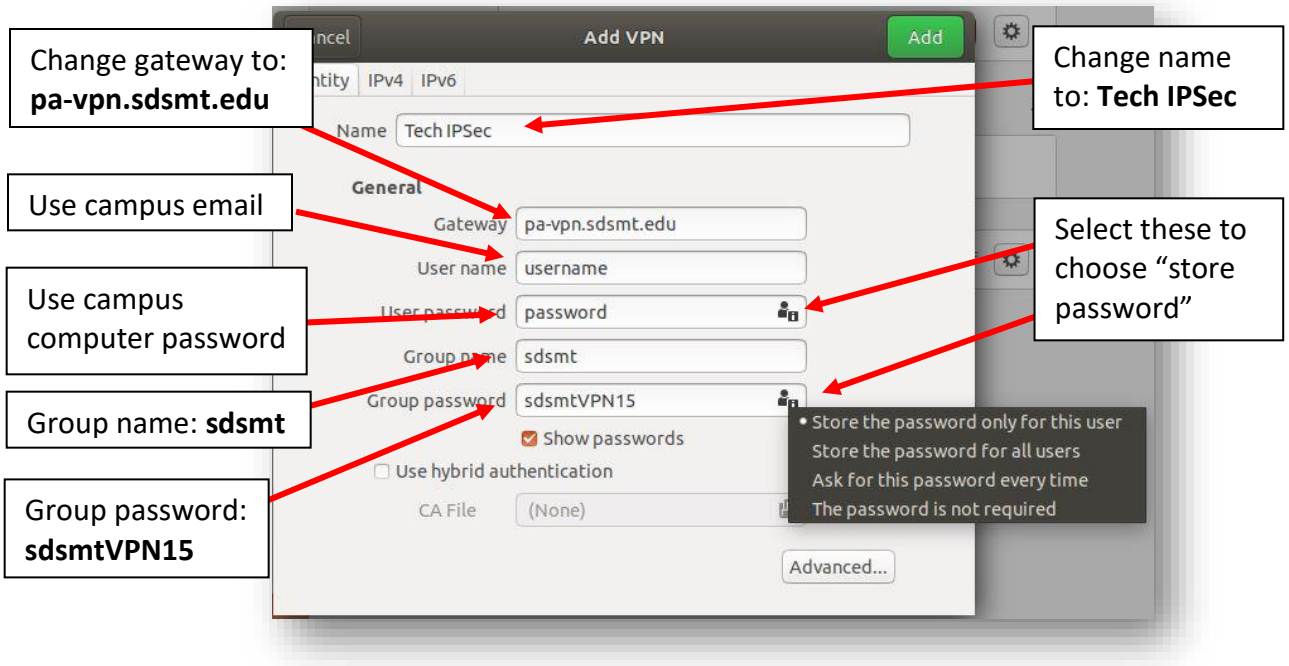
3. Choose “Cisco Compatible VPN (vpnc)”



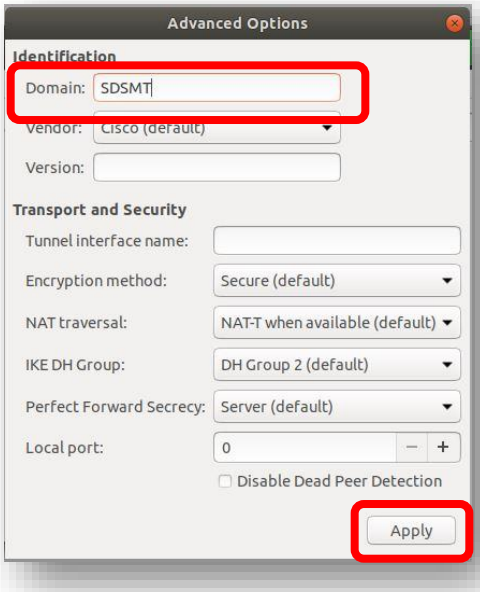
4. Enter the VPN information as shown below to setup your client.

   To type in the “Group password” you will need to click the ? and choose “Store the password only for this user”.

If you would like to save your password click the ? next to “User password” and choose “Store the password only for this user”.

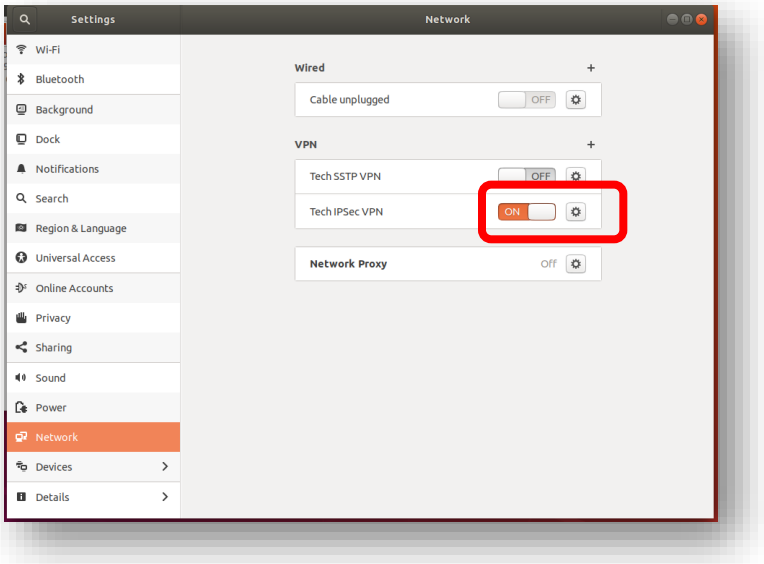


5. Click the Advanced button and in the Domain field type “SDSMT”. Click apply to close this Window



6. Click the green Add button to save the VPN configuration

7. Click the On/Off button next to the VPN to connect. If you chose not to save the password, you will be prompted for your password at this time



8. When you see the VPN connection icon in the top-right corner change to a lock your VPN has been connected successfully.