

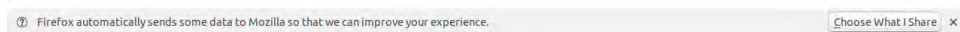
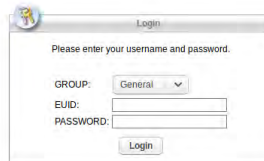
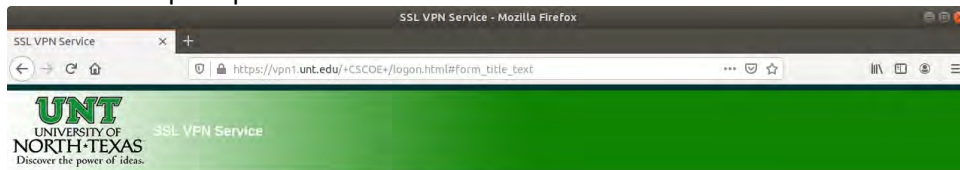
Purpose: To install VPN software and connect to UNT VPN on a Linux computer

Audience: Applies to Faculty, Staff and Students

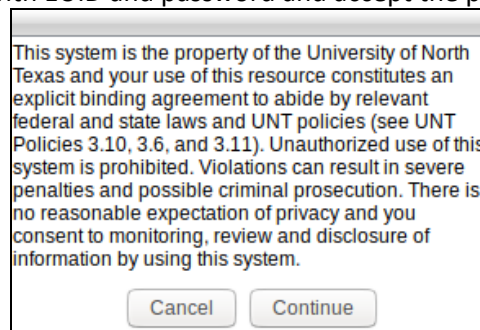
Procedure:

This procedure documents how to obtain, install, and connect to the UNT VPN on Linux based computers. For illustration purposes Ubuntu is being used, although the process should be very much the same for other distributions.

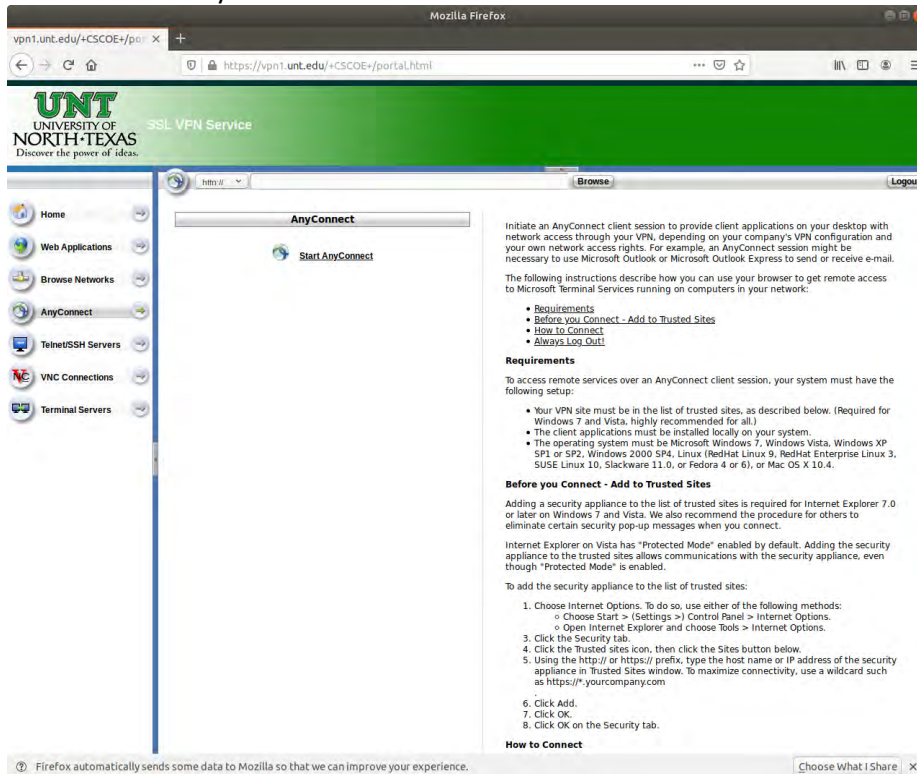
1. Using a web browser, enter the following link: “vpn.unt.edu” and accept any security certificates if prompted.



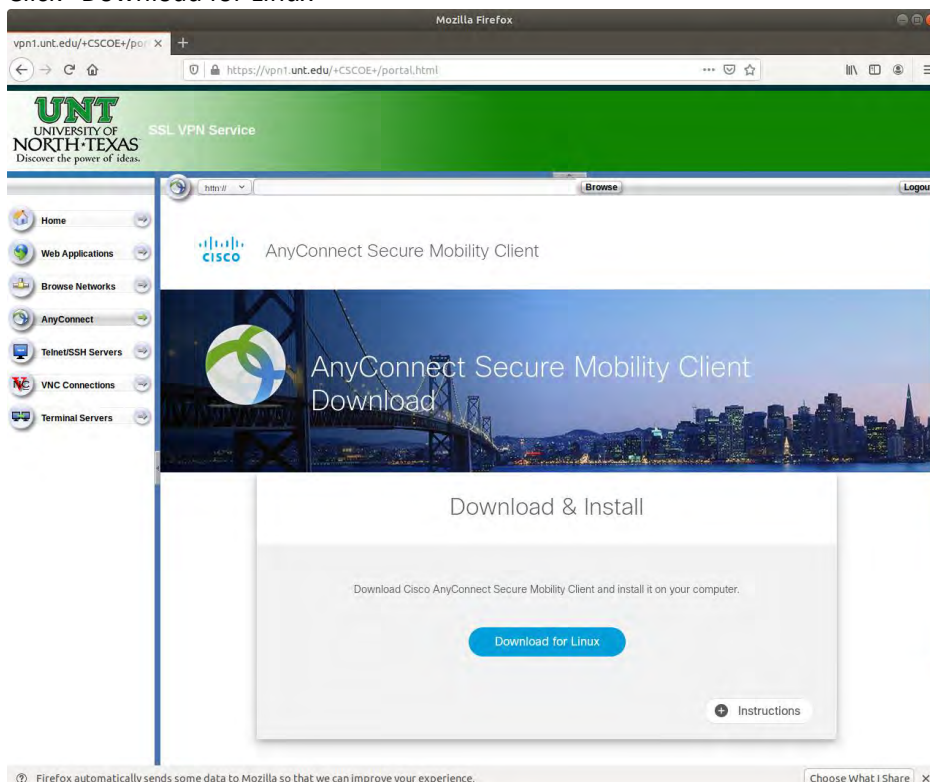
2. Login with EUID and password and accept the policy banner.



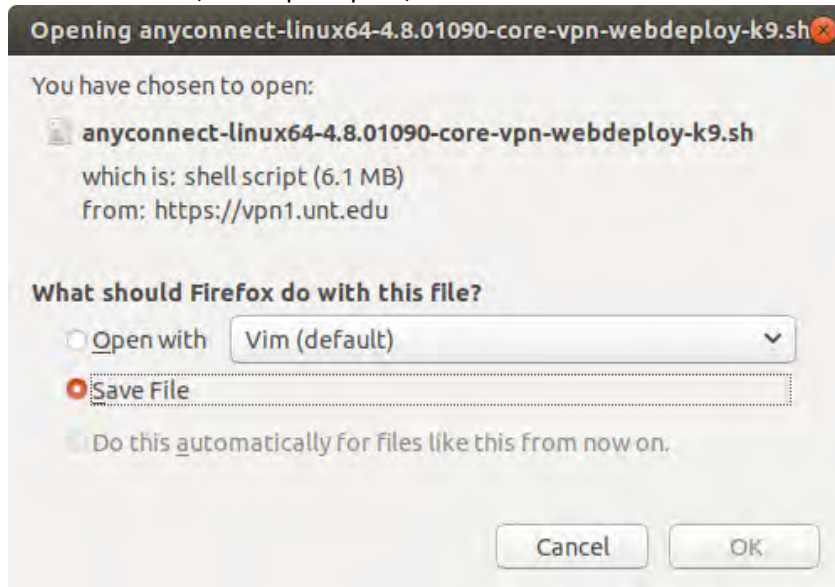
- Click on “AnyConnect” in the left hand frame.
- Click on “Start AnyConnect.”



- Click “Download for Linux”



- Click "Save File", and if prompted, chose a location.



- Open a terminal window and locate the downloaded file "anyconnect-linux64... .sh".
- Modify permissions to include execute: "chmod g+x anyconnect-linux64... .sh" (without quotes).
- Run the installer script ("sudo sh ./anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh" without quotes)
 - **The name of the file will vary slightly based on the version number
 - **The downloaded file name may be slightly different depending on the distribution of linux you are using **
 - ** notice that sudo permissions are required **

```
cengadmin@lx2k1dbm2-ceit: ~/Downloads
File Edit View Search Terminal Help
cengadmin@lx2k1dbm2-ceit:~/Downloads$ pwd
/home/cengadmin/Downloads
cengadmin@lx2k1dbm2-ceit:~/Downloads$ ls
anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh
cengadmin@lx2k1dbm2-ceit:~/Downloads$ chmod g+x anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh
cengadmin@lx2k1dbm2-ceit:~/Downloads$ ls
anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh
cengadmin@lx2k1dbm2-ceit:~/Downloads$ sh ./anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh
Installing Cisco AnyConnect Secure Mobility Client...
Sorry, you need super user privileges to run this script.
cengadmin@lx2k1dbm2-ceit:~/Downloads$ sudo sh ./anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh
[sudo] password for cengadmin:
Installing Cisco AnyConnect Secure Mobility Client...
Extracting installation files to /tmp/vpn.fDOKMa/vpninst760150660.tgz...
Unarchiving installation files to /tmp/vpn.fDOKMa...
Starting Cisco AnyConnect Secure Mobility Client Agent...
Done!
cengadmin@lx2k1dbm2-ceit:~/Downloads$
```

10. Exit out of the terminal. The VPN client should now appear in your Application Tray.



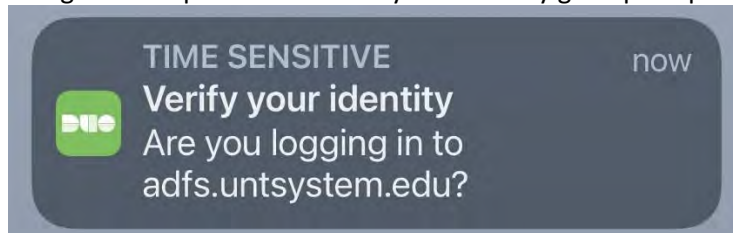
11. Open "Cisco Anyconnect VPN Client." In the "connect to:" field enter "vpn.unt.edu" (without quotes). Click "Connect"



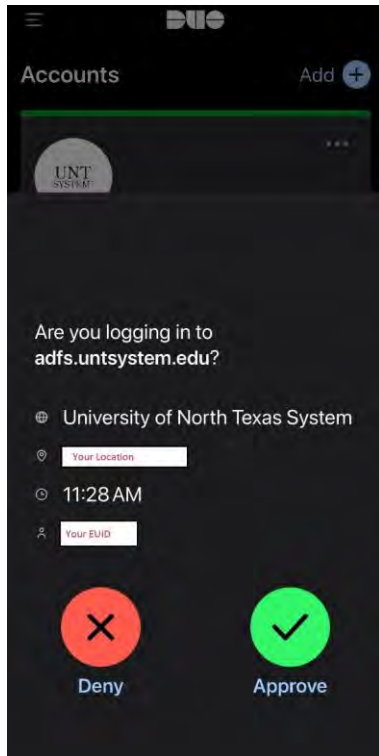
12. Enter your EUID and password. Click "connect".



13. Depending on your choice of how to use MFA, you will be prompted to approve access from either a phone call or Duo push
14. Using the Duo push notification you will likely get a prompt on your phone or device

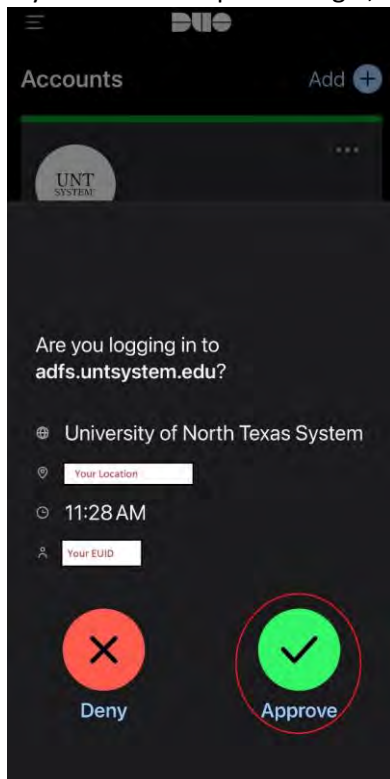


15. Go into the Duo Client

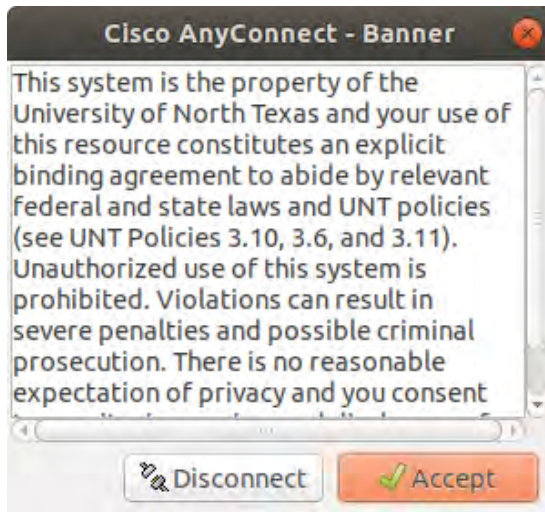


16. You will see that it displays your location and your EUID as well as Deny and Approve buttons

17. If you have attempted to login, click the Approve button, otherwise click the Deny button



18. If you approved the access, then you will be granted access to the VPN
19. Accept the UNT Computer Use Policy Banner.



20. To disconnect, open the application from your task bar and click "Disconnect."



If there are any additional questions regarding remote file access or other resources please contact College of Engineering IT Services.

Title: VPN Access Linux (Ubuntu)

Revision 3

Date: 02.29.2024