**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.

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Please enter yo	ur usernam	e and passw	ord.
GROUP:	General	~	
EUID:			
PASSWORD:			
			-
	Login		

⑦ Firefox automatically sends some data to Mozilla so that we can improve your experience.

Choose What I Share ×

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

This system	is the property of the University of North
Texas and y	our use of this resource constitutes an
explicit bind	ling agreement to abide by relevant
ederal and	state laws and UNT policies (see UNT
Policies 3.1	0, 3.6, and 3.11). Unauthorized use of this
ystem is pr	rohibited. Violations can result in severe
penalties a	nd possible criminal prosecution. There is
no reasona	ble expectation of privacy and you
consent to r	nonitoring, review and disclosure of
nformation	by using this system.
	Cancel Continue

3. Click on "AnyConnect" in the left hand frame.

## 4. Click on "Start AnyConnect."



## 5. Click "Download for Linux"



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

Opening anycon	nect-linux64-4.8.01090-core-vp	n-webdeploy-k9.sh <mark></mark> 8
You have chosen t	o open:	
anyconnect-	linux64-4.8.01090-core-vpn-we	bdeploy-k9.sh
which is: she from: https:,	l script (6.1 MB) //vpn1.unt.edu	
what should Fire	Fox do with this file?	
Open with	Vim (default)	~
Save File		
Do this <u>a</u> uto	matically for files like this from r	el OK

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

cengadmin@lx2k1dbm2-ceit: ~/Downloads 🥼 💿 🚳
File Edit View Search Terminal Help
<pre>cengadmin@lx2k1dbm2-ceit:~/Downloads\$ pwd /home/cengadmin/Downloads cengadmin@lx2k1dbm2-ceit:~/Downloads\$ ls anyconnect-linux64-4.8.01090-core-vpn-webdeploy-k9.sh</pre>
<pre>cengadmin@lx2k1dbm2-ceit:~/Downloads\$ chmod g+x anyconnect-linux64-4.8.01090-cor e-vpn-webdeploy-k9.sh</pre>
<pre>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.</pre>
<pre>cengadmin@lx2k1dbm2-ceit:~/Downloads\$ sudo sh ./anyconnect-linux64-4.8.01090-cor e-vpn-webdeploy-k9.sh</pre>
[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"

(	Cisco AnyConnec	t Secure Mo	bility Client	000
Connection	n 🗠 Statistics	<li>About</li>		
	 C	luilu isco		
Connect to:	vpn.unt.edu			: •
	2	Connect		
Ready to conne	ect.			

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

Ci	sco AnyConnect Secure Mobility Client 👘 😑 👜
Gonnection	🗠 Statistics 🕕 About
	cisco
Connect to:	vpn.unt.edu
Group: G	eneral ‡
Password:	
	Connect

Please enter your username and password.

- 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."

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	cisco	
Connect to:	wan unt jedla	•
Group:	General	÷
Username:		
Password:		
Username: Password:		
	<sup>®</sup> & Disconnect	
onnected to	von.unt.edu.	

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