# VPN Configuration for Ubuntu 10.04+

#### **Configuring a VPN connection**

- 1. **Note:** Ensure the network-manager-pptp package is installed. This can be checked by searching for "network-manager-pptp" in the Synaptic Package Manager or issuing "sudo apt-get install network-manager-pptp" from a terminal (without the quotes).
- 2. Left-click on the Network Manager icon (shown below) located on the main panel, go to VPN Connections, select Configure VPN, then select Add.

Wired Networks		
Auto eth0		
Disconnect		
Available		
Auto Ethernet		
uawireless	<u> </u>	
Disconnect		
Available		
uaguest	(î;	
uasmartphone	<u>,</u>	
VPN Connections	Þ	Configure VPN
Connect to Hidden Wireless Net	work	Disconnect VPN
Create New Wireless Network		
	= 1 <u>N</u>	* •)) 🔀 12:44

3. Ensure **Point-to-Point Tunneling Protocol (PPTP)** is selected, click **Create**.



## Use the following connection settings

Use the following settings:

- Connection name: CITES VPN
- Gateway: vpn3.near.uiuc.edu
- User name: Your NetID
- o Password: Your Active Directory password (the same password you use for NetFiles)
- Leave the "NT Domain" entry field **blank.**
- Click Advanced.

Editing Cl	'ES VPN 😔 🔿 😣
Connection n	ime: CITES VPN
Connect	automatically
VPN IPv4	lettings
General	
Gatewa	/: vpn3.near.uiuc.edu
Optional	
User na	me: <pre></pre>
Passwo	d: <pre><password></password></pre>
	✓ Show password
NT Dom	ain:
	X Advanced
Available	to all users Cancel Apply

### Use the following advanced settings

Use the following settings:

- Uncheck the "PAP", "CHAP", and "EAP" options.
- Check the "Use Point-to-Point encryption (MPPE)" option.
- o Security: select "40-bit (less secure)"
- Check the "Allow stateful encryption" option.
- $\circ$  Uncheck the "Allow BSD data compression" option.
- Uncheck the "Allow Deflate data compression" option.
- Uncheck the "Use TCP header compression" option.
- Make sure the "Send PPP echo packets" option is unchecked.
- $\circ$  Click **OK**.
- $\circ$  Click Apply.

**Note**: You may need to **log out** and **re-log in** before the CITES VPN connection will appear in the network manager.

PPTP Advanced Options 🛛 🔗 😣
Authentication
Allow the following authentication methods:
CHAP A
MSCHAP
MSCHAPv2
FAD
Security and Compression
Use Point-to-Point encryption (MPPE)
Security: 40-bit (less secure)
Allow stateful encryption
Allow BSD data compression
Allow Deflate data compression
Use TCP header compression
Echo
Send PPP echo packets
Cancel OK

#### Making a VPN connection

To make a connection to the CITES VPN, you can:

• Left-click on the Network Manager icon located on the main panel, go to VPN Connections and choose CITES VPN.

If the connection was successful the network manager will show a lock icon.



#### Disconnecting when finished

When you're finished using the CITES VPN, **Left-click** on the **Network Manager icon** located on the main panel, go to **VPN Connections** and choose **Disconnect VPN**.

The network manager lock icon should disappear.

