

Configuring The VPN – OS X

To be eligible to use the VPN service, you must establish your user name on the network system by first subscribing to either the [Virginia Tech Wireless Network Service](#) or the [Virginia Tech Modem Pool](#) service.

- I. Set your Remote Access Passphrase (**Only necessary for students since Faculty and Staff will use their Hokies credentials**).
 - a. Log on to [My VT \(http://my.vt.edu/\)](http://my.vt.edu/) using your PID and password.
 - b. On the upper right-hand side of your screen, select the “Settings” tab.
 - c. Click on the “Set Remote Access Passphrase” link.
 - d. In the “New Passphrase” text box, type your new passphrase.
 - e. In the “Confirm Passphrase” text box, type your new passphrase again.
 - f. Click the “Set Passphrase” button.
 - g. Click the “Log Off” button.
- II. Configure the VPN.
 - a. From the “Apple” menu select “System Preferences...”.
 - b. Click on the “Network” preferences applet.
 - c. If the settings are locked click on the lock icon in the lower left corner to unlock them.
 - d. Click on the “+” to install a new interface.
 - e. From the “Interface:” drop-down select “VPN”.
 - f. Set the “VPN Type:” to “PPTP”.
 - g. Type “VT PPTP VPN” in the “Service Name:” field.
 - h. Click on the “Create” button.
 - i. From the list of connections select the one you just created.
 - j. Make sure the “Configuration:” field is set to “Default”.
 - k. Type “pptp.cns.vt.edu” in the “Server Address:” field without the quotes.
 - l. Make sure the “Encryption:” field is set to “Automatic (128 bit or 40 bit)”.
 - m. Enter in your VPN credentials.
 - i. Faculty and Staff:
 1. In the “Account Name:” field enter in your Hokies username as “Hokies\PID” without the quotes and substituting your actual PID for PID.
 2. Click on the “Authentication Settings...” button.
 3. Enter in your Hokies password.
 4. Click on the “OK” button.
 - ii. Students:
 1. In the “Account Name:” field enter in your PID.
 2. Click on the “Authentication Settings...” button.
 3. Enter in your Remote Access Passphrase.
 4. Click on the “OK” button.
 - n. Place a check mark next to the “Show VPN status in menu bar” option.
 - o. Click on the “Apply” button.
 - p. Click on the “Connect” button to test.
 - q. The VPN can now be connected and disconnected from the menu bar.

- III. Additional configuration steps if you are still having problems accessing some VT resources while connected to the VPN.
- a. Send all traffic over the VPN connection:
 - i. From the “Apple” menu select “System Preferences...”.
 - ii. Click on the “Network” preferences applet.
 - iii. Select your VPN connection from the list of connections in the left pane.
 - iv. Click on the “Advanced...” button.
 - v. Place a check mark next to the “Send all traffic over VPN connection” option.
 - vi. Click on the “OK” button.
 - vii. Click on the “Apply” button. Note: When you no longer need your VPN connection, disconnect from it (there should be an icon/timer on the taskbar in the right corner when you are connected). The workaround listed above will make all of your Internet traffic go through Virginia Tech's servers, and leaving the connection on will create bandwidth issues.
 - b. Change the connection preferences order of your VPN connection:
 - i. From the “Apple” menu select “System Preferences...”.
 - ii. Click on the “Network” preferences applet.
 - iii. Click the gear looking button under the list of connections on the left side of the window.
 - iv. Select “Set Service Order...” from the drop-down menu.
 - v. Drag the VPN connection to the top of the list.
 - vi. Click on the “OK” button.
 - vii. Click on the “Apply” button.