

Connecting the the LC Network through a Virtual Private Network (VPN)

Software: VPN Client

Platform: Mac/Windows

Overview

In order to gain access to college resources such as Colleague and file servers from off-campus, you will need to install special software called a VPN (Virtual Private Network) client. A VPN client creates a secure connection over the internet between your computer and the L&C network. In a way, the VPN connection extends the L&C network to your remote location by giving your computer a L&C network address. This network address will allow you to access services that are restricted to L&C computers only such as network printers, Colleague, and some file servers. Note - Access to Novell File Servers (J: drive) on a Windows PC requires Novell Client Software in addition to our VPN software. Installation of the Novell Client is not supported on personally owned computers.

Windows Instructions

Install the VPN client software:

1. Download the installer from the IT website at <http://www.lclark.edu/~infotech/SOFTWARE/swindex.html>. Be sure to note where you save the installer. Typical default download locations are your Desktop or My Documents folder.
2. Double click the installer to start installation. (figure 1)
3. Click **Next** and accept the license agreement. Click **Next** to advance through the install screens and accept the default choices. Once the installer is complete, click **Finish**. Once you finish you'll be prompted to restart your computer.

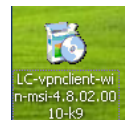


figure 1

Create a VPN Connection

1. After installation, start your VPN session by selecting **Start > All Programs > Cisco Systems VPN Client > VPN Client**. (figure 2)

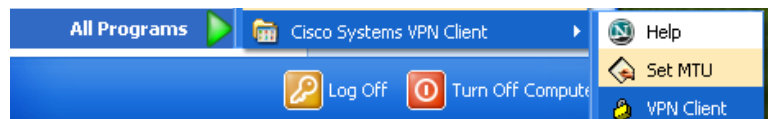


figure 2

If this is software you plan to use frequently, you may want to create a shortcut on your desktop.

2. A VPN Connection window will open with settings for Lewis & Clark already selected. Click **Connect** to start your VPN session. (figure 3)

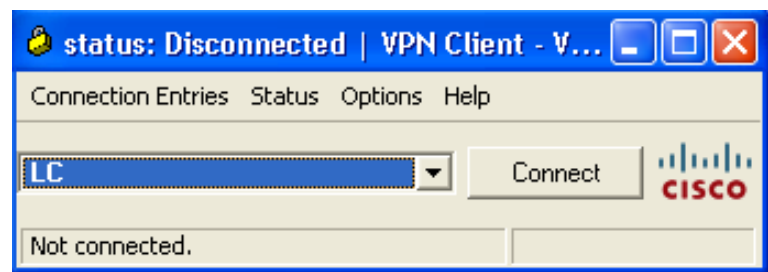


figure 3

3. Next, you'll be prompted to enter your Username and Password. Enter your L&C login and password and click **OK**. Once your login and password are verified, your status will update to Connected and you'll be able to access "campus-only" network services.

Macintosh Instructions

Install the VPN client software:

1. Download the installer from the IT website at <http://www.lclark.edu/~infotech/SOFTWARE/swindex.html>. Be sure to note where you save the dmg disk image file. Typical default download locations are your Desktop or Documents folder.
2. Double click the downloaded dmg file to mount the disk image for install. As of April 2007, the current download file is named LC-OSX.4-vpnclient-4.6.04.0061-GUI-k9.dmg. Once the disk image extraction process is complete, you'll see a drive icon for the Cisco VPN Client on your desktop (figure 4).
3. Double click to open the CiscoVPNClient disk. Next, double click the Cisco VPN Client.mpkg icon (figure 5) to launch the VPN client installer.
4. The installer will check your version of OS X. If your version of OS X is not compatible with our installer, contact the IT Help Desk for assistance in locating a compatible installer. If your system meets requirements, click **Continue**.
5. Accept the license agreement and continue through the rest of the installation prompts.



figure 4



figure 5

Create a VPN Connection

1. After installation, start a VPN connection by double clicking on the VPN Client icon (figure 6) in your Applications Folder. If this is software you plan to use frequently, you may want to add it to your dock or create a shortcut on your desktop.
2. A VPN Connection window will open. Select **LC** in the Connection Entry list under the Connection Entries tab and click the **Connect** button on the top toolbar. (figure 7)

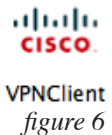


figure 6

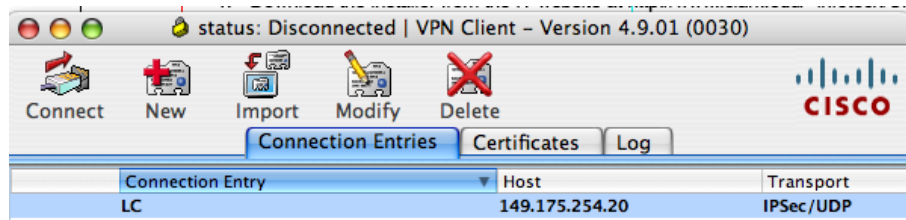


figure 7

3. Enter your L&C Login and Password. Once verified, your status will change to Connected. You will now have a valid a VPN connection to the L&C and be able to access "campus-only" network services.

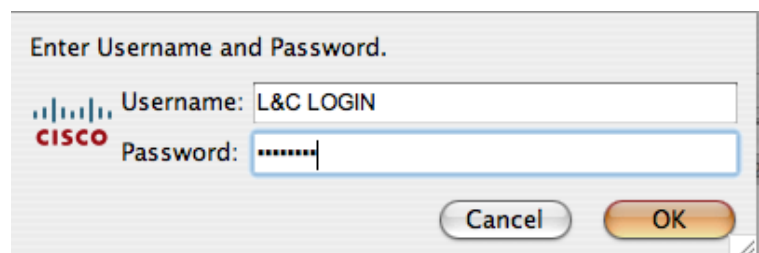


figure 8

Troubleshooting

Your personal firewall may block the VPN Client. Make sure the Cisco VPN Client is on your firewall software's allow or exception list.

The Cisco VPN Client software will not work on campus, as you already have a valid L&C network address.