Mac OSX Native VPN Client Connectivity Details & Instructions

VPN Client Overview
The VPN Client on a remote PC works with a Cisco VPN device on the RBHS private network to create a secure connection over the Internet. It uses Internet Key Exchange (IKE) and IP Security (IPSec) tunneling protocols to establish and manage the secure connection. This connection, called a tunnel, allows you to access the RBHS private network as if you were an on-site user, creating a virtual private network (VPN).

Prerequisites
- Ensure that your computer is running Mac OSX version 10.6.0 or above.
- Ensure that you can log on to your Mac with Administrative privileges.
- Send an email to soc@rbhs.rutgers.edu requesting the IPSec VPN “shared secret”. This shared secret is a password that will be required to setup the VPN Connection on your Mac.

Step by Step Instructions

1 – Open “System Preferences”, which can be done from the dock, the Apple menu, or by finding it in the Applications folder.

2 – Click the “Network” icon to bring up the Network window. If the padlock icon appears in the locked position, click it to unlock. Once the padlock icon appears unlocked, click the “+” sign at the bottom to add a new network interface.
3 – Set the “Interface” drop down menu to “VPN”. Set the “VPN Type” drop down menu to “CiscoIPSec”. Change the “Service Name” field to something that is meaningful to you, for example, “RBHS VPN”. Click “Create”

4 – Set the “Server Address” field to “vpn.rbhs.rutgers.edu”. Set the “Account Name” field to your username. Click “Authentication Settings”

5 – Click the “Shared Secret” radio button and fill in the text field with the password obtained by emailing soc@rbhs.rutgers.edu. Set the “Group Name” field to “UMD-VPN”. Click OK.

6 – Click the checkbox labeled “Show VPN status in menu bar”, then click “Apply” to complete the setup.
Instructions to Connect & Disconnect

Click the VPN Status icon
Click “Connect RBHS VPN”

Enter your password, then click “OK”.

At this point, the tunnel has been established and you may access the RBHS private network as if you were an on-site user. The timer indicates how long you’ve been connected.

When finished using VPN, click “Disconnect”. The timer will disappear, indicating that the secure connection has been terminated.