

# Connecting to the Residence Hall Wireless Network

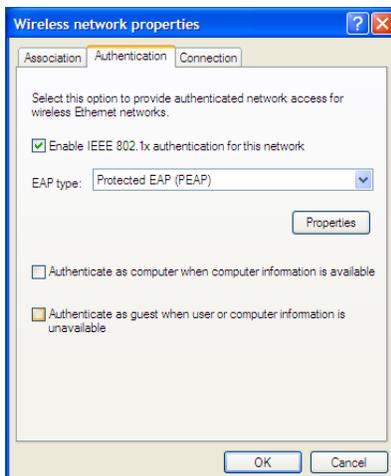
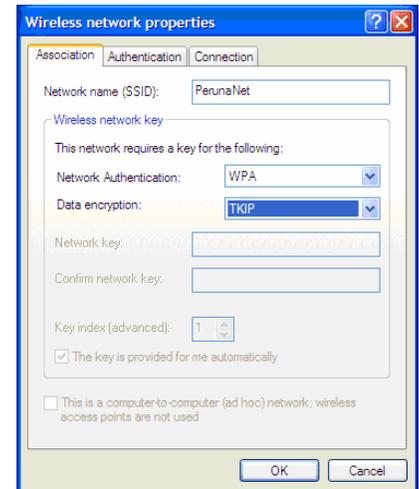
August 2006, Information Technology Services, 214-768-4357

Wireless service is available in all Residence Halls and in the common areas in most Fraternity houses. The Wireless system used within the residence hall is separate from the campus wireless and requires a separate configuration. The following instructions are for use with the residence hall wireless network only.

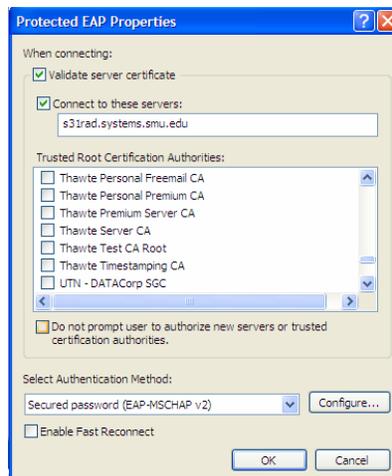
## Windows XP

### A. Configuration Instructions

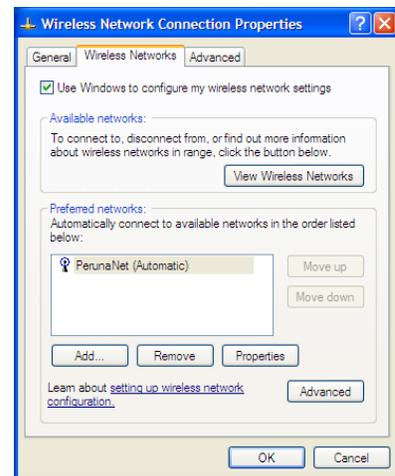
1. Click **Start**
2. Click **Settings** (or select **Connect To**)
3. Click **Network Connections** (Or select **Show all Connections**)
4. Right click the **Wireless Connection**
5. Select **Properties**
6. Select the **Wireless Network Tab**
7. Click **Add**
8. Enter **PerunaNet** as the Network Name (SSID)(This is case sensitive) (**Figure 1**)
9. Select **WPA** for Network authentication
10. Select **TKIP** for Data Encryption
11. Select the **Authentication tab** (**Figure 2**)
12. Check the box next to **“Enable IEEE 802.1x authentication for this network.”**
13. Select **Protected EAP (PEAP)** for the EAP Type
14. Uncheck **Authenticate as computer when computer information is available**
15. Uncheck **Authenticate as guest when user or computer information is unavailable**
16. Click **Properties**
17. Uncheck **“Enable Fast Reconnect”** (**Figure 1**)
18. Click **Configure**
19. Uncheck the box to **“Automatically use my Windows logon name and password (and domain if any.)”**
20. Click **OK** (4 times)
21. Click **OK**
22. In the Wireless Network Connection Properties window, you should now see the wireless profile. Remove any other preferred network that appears in the list. Do not remove the PerunaNet profile.
23. Click the **Advanced Button**
24. Select **Access Points Infrastructure Networks Only**
25. Uncheck **Automatically Connect to Non Preferred Networks**
26. Click **Close**
27. Click the **Advanced** tab
28. Under Internet Connection Sharing, uncheck **Allow other network users to connect using this computer’s internet connection.**



(Figure 2)



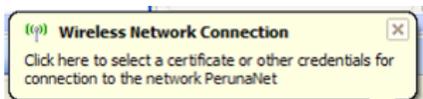
(Figure 3)



(Figure 4)

## B. Registering your computer

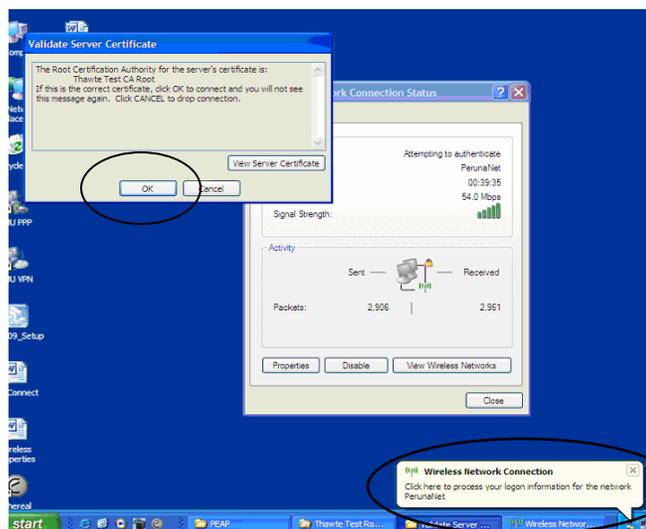
1. Click the popup window that appears on the task bar. **(Figure 5)**
2. Another popup will appear on the task bar indicating that Windows is ready to process your logon credentials. Click on that popup window. **(Figure 7)**
3. Enter your SMU ID number and your account password. **(Figure 6)**
4. Leave the logon domain blank
5. Click **OK**
6. Another window will appear requesting that you accept the security certificate. Click **OK**.



**(Figure 5)**



**(Figure 7)**



**(Figure 6)**

**Anytime you restart your computer and attempt to access the wireless network, you will be prompted to register in order to obtain your wireless connection**

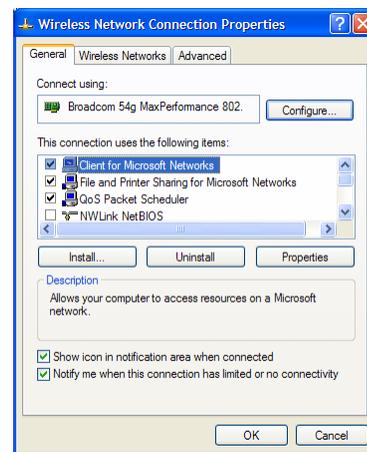
## C. Disabling and Enabling your Wireless Connection

Many laptops with built-in wireless cards have an easy on/off button. If your laptop has this feature, you simply need to turn the wireless connection off when attempting to use the wired network. To connect to the wireless network, disconnect your computer from the wired network (unplug the network cable) and then turn on your wireless connection.

If your laptop does not have an on/off button, you will need to do the following:

### Adding the Wireless Icon to the System Tray (one time setup)

1. Click **Start**
2. Click **Settings**
3. Click **Network Connections**
4. Right click the **Wireless Connection**
5. Select **Properties**
6. Verify that the “**show icon in notification area when connected**” is checked **(Figure 8)**
7. Click **OK**



**(Figure 8)**



**(Figure 9)**

### To disable your wireless connection:

1. Right click on the Wireless connection icon in the system tray **(Figure 9)**
2. Select **Disable**

### To enable your wireless connection:

1. Right click on the Wireless Connection icon in the system tray
2. Select **Enable**

## D. Connecting to the Campus Wireless Network

The Residence Hall Wireless network and campus wireless network are completely separate. Once you leave the residence halls, your computer should automatically detect the campus wireless network. To switch from PerunaNet (Residence Hall System) to SMU1911 (Campus Wireless network), do the following:

1. Double click the Wireless Connection Icon in the system tray
2. Click on the SMU1911 wireless network **(Figure 10)**
3. Click **Connect**
4. Open **Internet Explorer**
5. Complete the registration for the campus wireless system.



**(Figure 10)**