Wireless Setup for the IUP Network -- Windows 7

Purpose: Describes steps to setup IUP wireless network on the Windows 7 operating system

Audience: Authenticated IUP users

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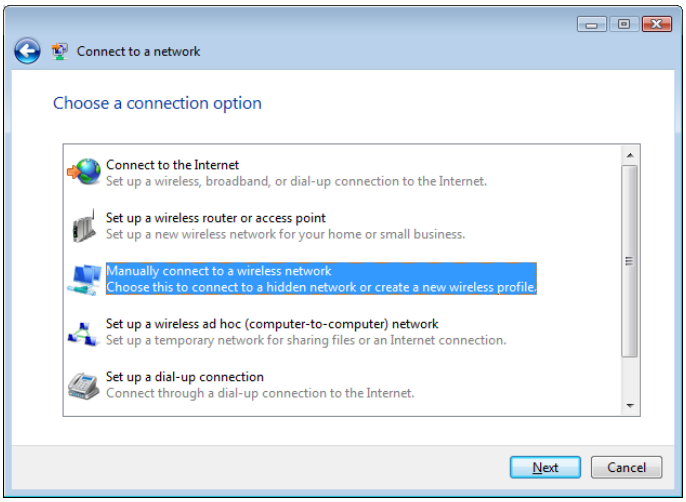
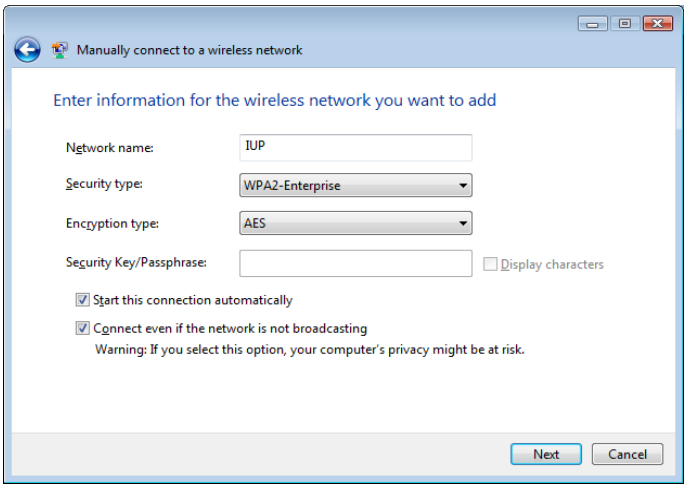
1. Click ***Start*.**
2. Click ***Control Panel.***
3. Click ***Network and Internet.***
4. Click ***Network and Sharing Center.***
5. Click ***Set up a new connection or network.***

6. Select **Manually connect to a wireless network** and click **Next**.

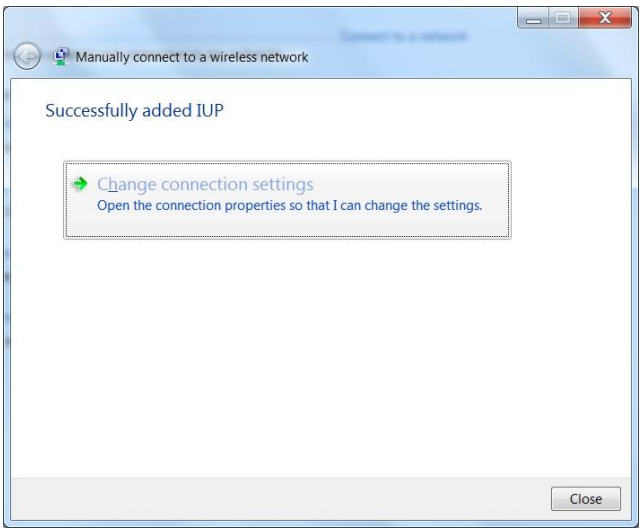


7. Enter the information as shown below:
   a) Network Name (SSID): **IUP**
   b) For Security type and Encryption type: If the client supports WPA2-Enterprise and the option is available, select **WPA2-Enterprise** for Security type and **AES** for encryption type. Otherwise select **WPA-Enterprise** for security type and **TKIP** for encryption type.
   c) Check **Start this connection automatically.**



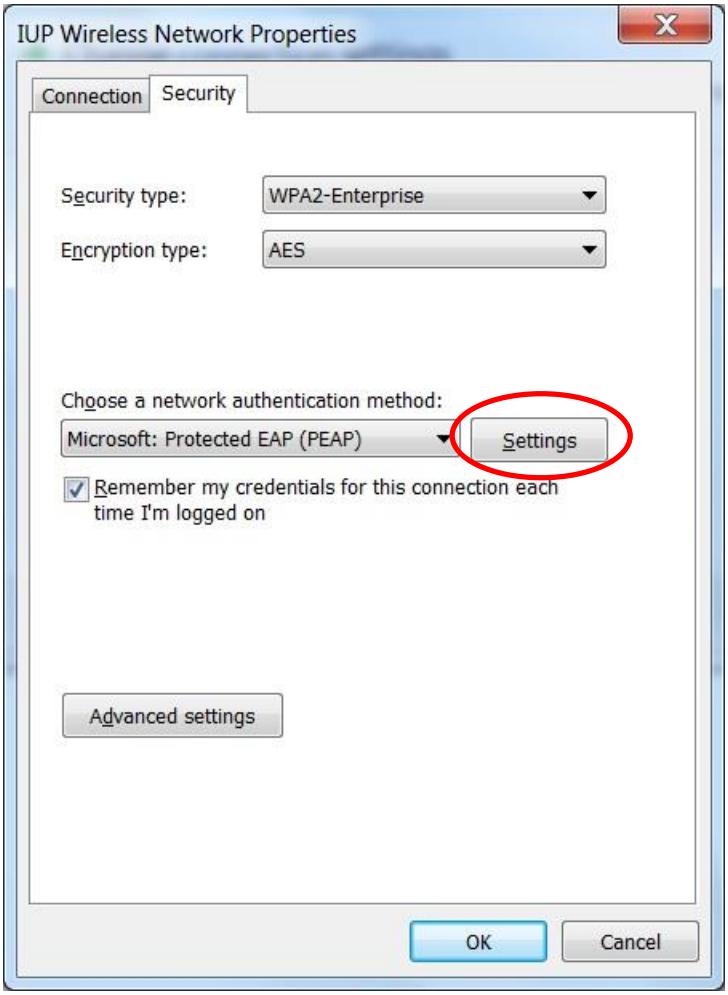
After entering the configuration information, click **Next**.

8. In the "Manually connect to a wireless network" dialog box, select **Change connection settings.**



9. Click on the **Security** tab. Change the network authentication method to **Protected EAP (PEAP).**

   Click the **Settings** button.

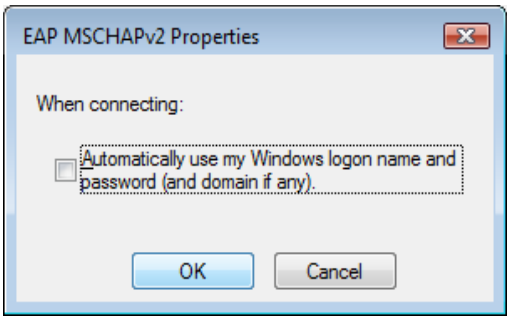


10. In the "Protect EAP Properties" dialog box:
    a. Verify that **Validate server certificate** is selected.

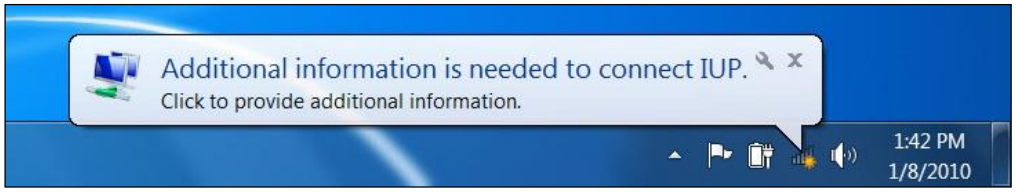
b. Under Trusted Root Certification Authorities, select the **AddTrust External CA Root** certificate

c. Select **Do not prompt user to authorize new servers or trusted certification authorities.**
d. For Select Authentication Method, select **Secured password (EAP-MSCHAP v2).**
e. Select **Enable Fast Reconnect**.
f. Click **Configure**.
g. Deselect **Automatically use my Windows logon name and password (and domain if any).**

h. Click **OK** to close all open dialog boxes.



11. A pop-up balloon will appear in the lower right corner indicating that **Additional information is needed to connect IUP.** Click on the pop-up balloon. If it does not appear, click on the wireless icon in the lower right corner, choose **IUP**, then choose **Connect**.



12. The Enter Credentials dialog box will be displayed. Enter your username in the format iupmsd\<username> as shown in the image to the right.

    Enter your network password, then click OK.

You are now connected to the IUP Wireless network.

If the Network Authentication dialog box does not appear automatically, you may need to click the button.