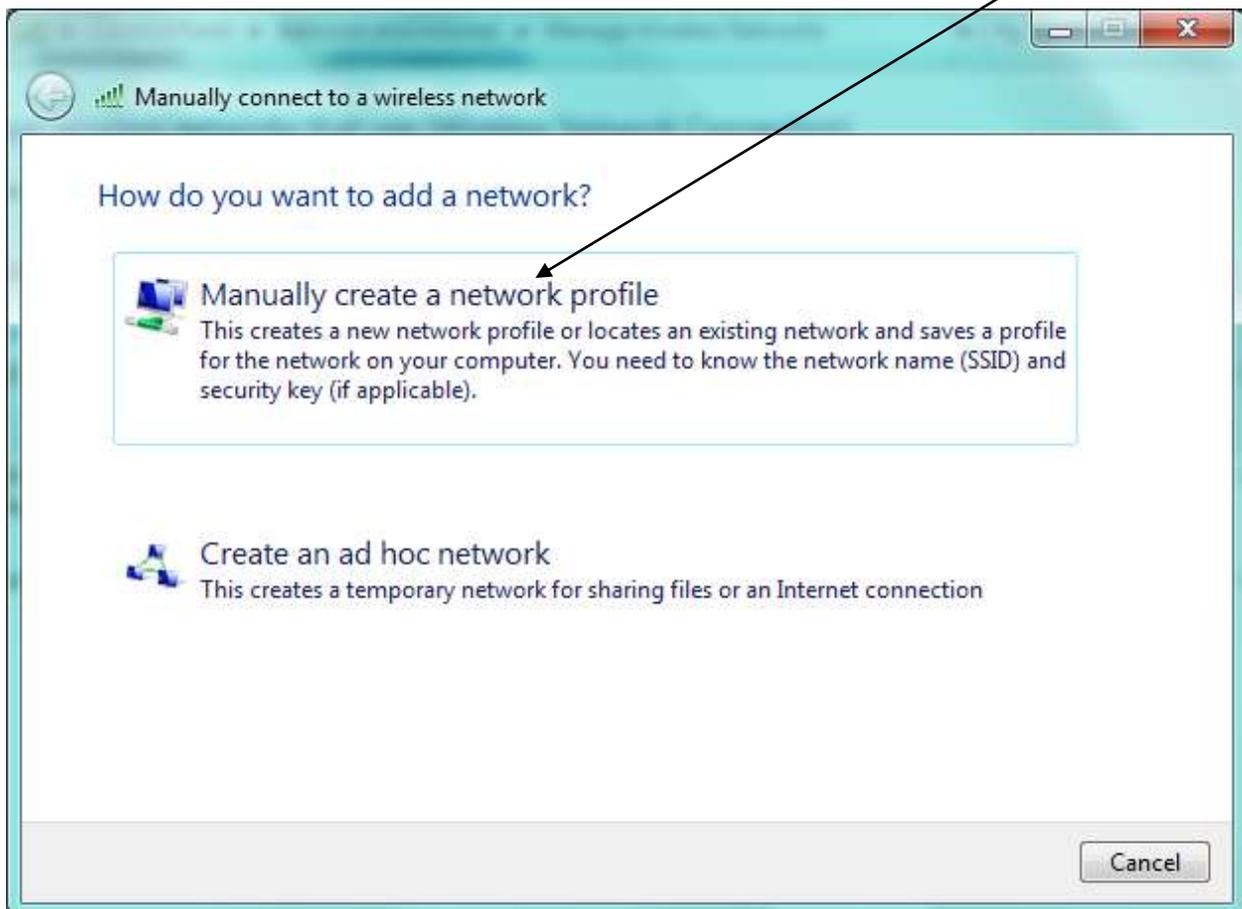


How to set up a secure wireless connection using Windows 7

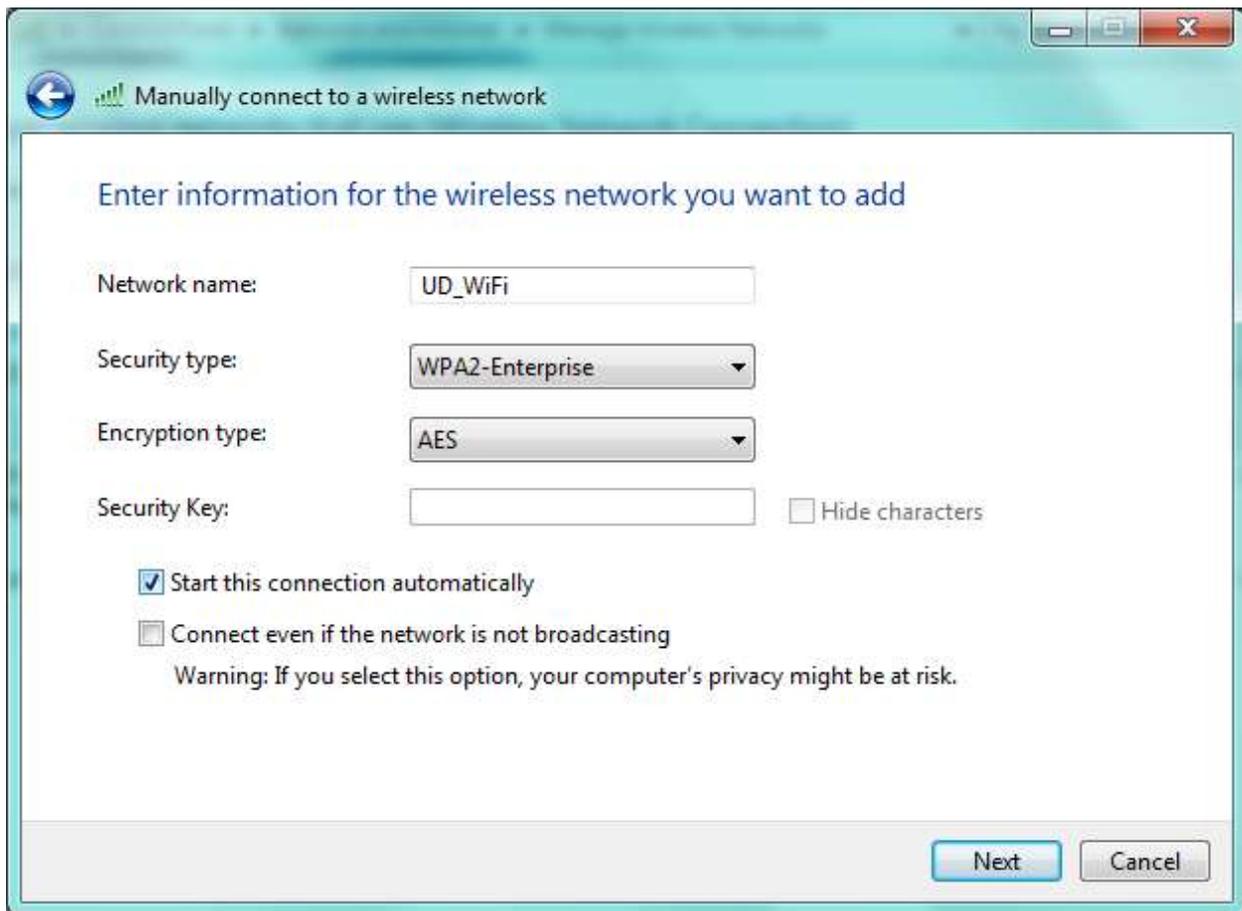
University of Dubuque Office of Technology
563-589-3737 | helpdesk@dbq.edu

In order to protect sensitive information while using UD's wireless network, the Office of Technology recommends that all **Windows 7** users follow these instructions. You must follow these instructions in order to connect to UD's wireless network.

Open Manage Wireless Networks by clicking the Start button , clicking Control Panel, clicking Network and Internet, clicking Network and Sharing Center, and then, in the left pane, clicking Manage wireless networks. Click Add, Manually create a network profile.



Add a connection called UD_WiFi with settings as below.



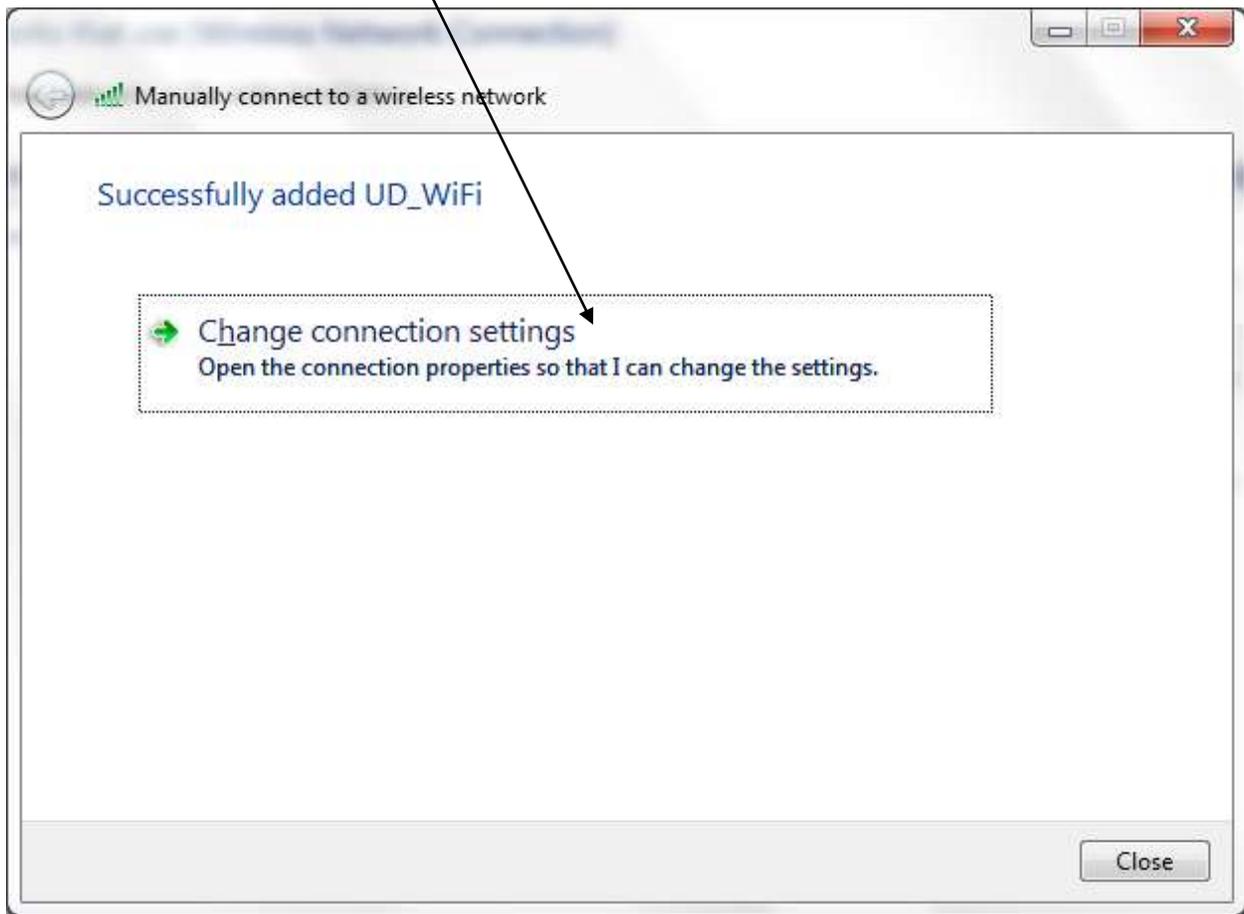
The screenshot shows a Windows Network Setup wizard window titled "Manually connect to a wireless network". The window contains the following fields and options:

- Network name:** UD_WiFi
- Security type:** WPA2-Enterprise
- Encryption type:** AES
- Security Key:** (empty text box) Hide characters
- Start this connection automatically
- Connect even if the network is not broadcasting
Warning: If you select this option, your computer's privacy might be at risk.

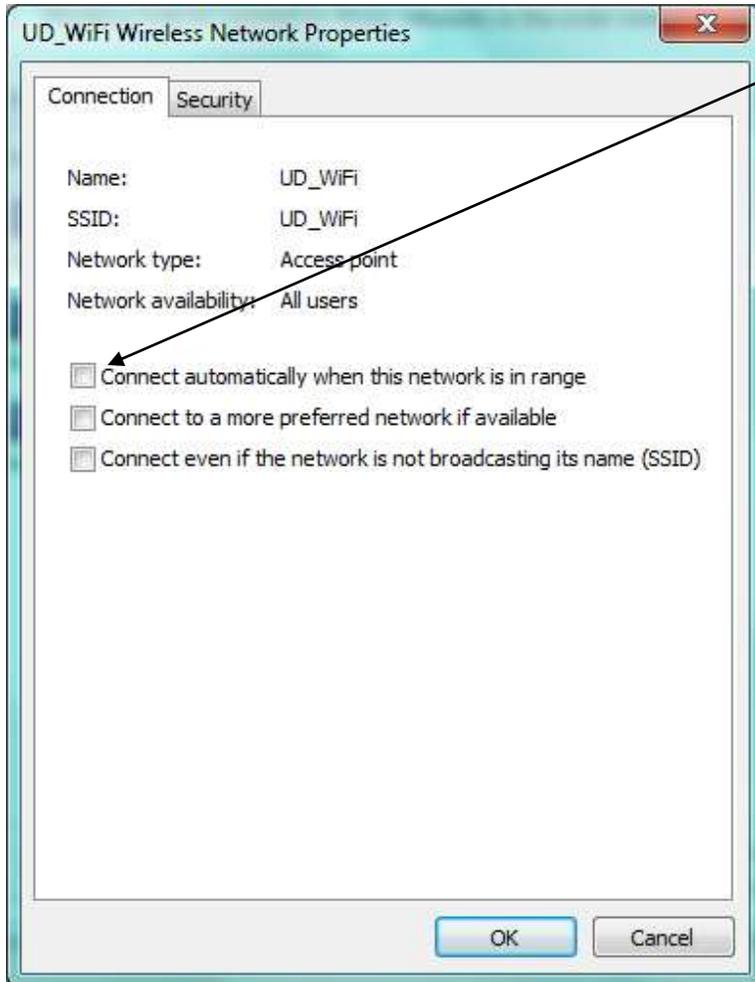
At the bottom right of the window, there are two buttons: "Next" and "Cancel".

Click Next.

Click "Change connection settings".

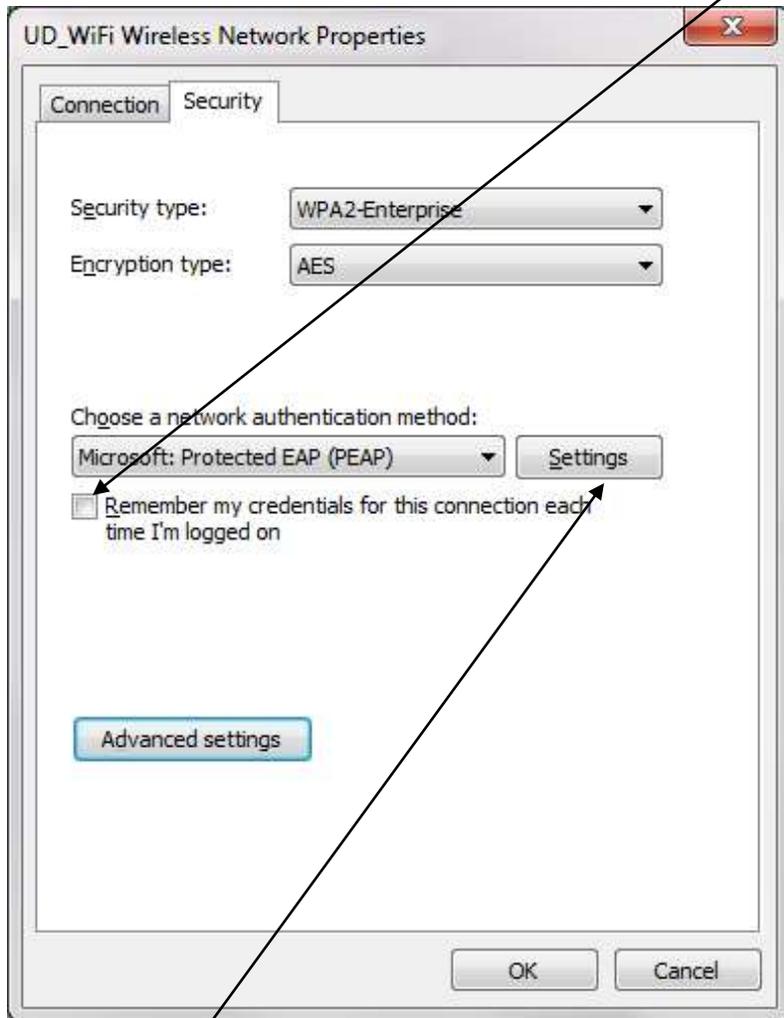


Highlight the newly created UD_WiFi and right-click, choose Properties. Make sure that “Connect automatically when network is in range” is de-selected.



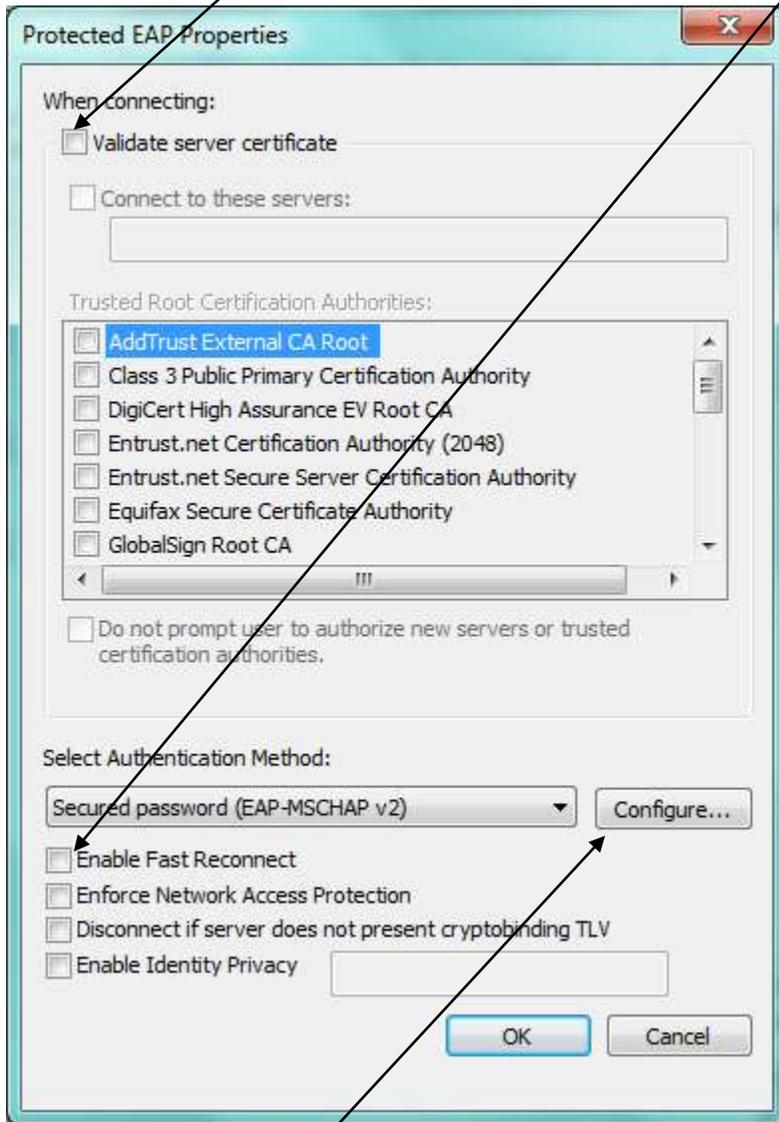
Select the Security tab of the UD_WiFi properties window. Choose the settings as below.

Make sure that “Remember my credentials for this connection each time I’m logged on” is NOT checked.



Click on Settings.

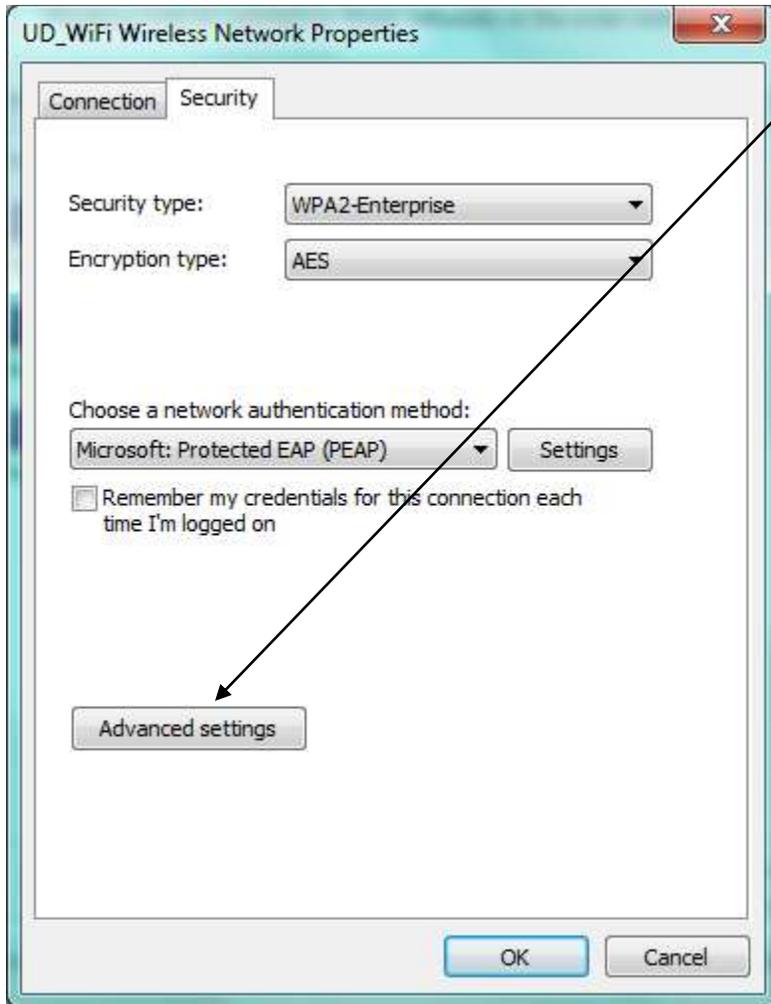
Uncheck “Validate server certificate” and “Enable Fast Reconnect”.



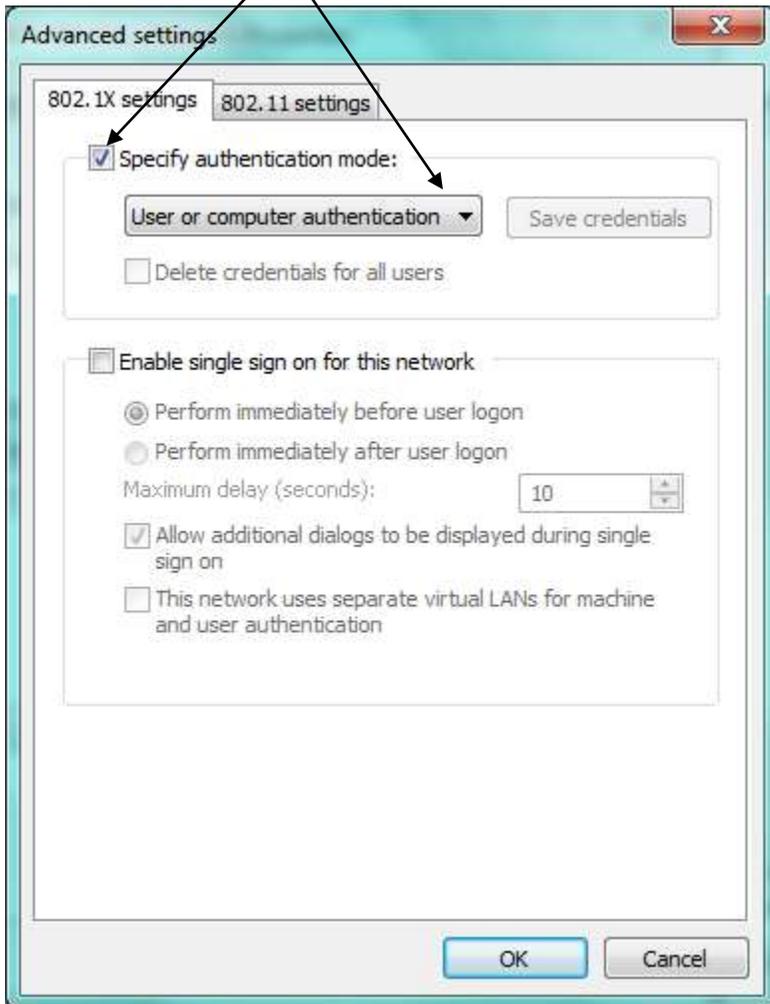
Click on the Configure button and uncheck the setting below. Click OK twice.



On the UD_WiFi connection Properties of this window, click on Advanced settings (Vista users will not see a button for Advanced settings and can skip this step).



Choose the settings as you see below.



Click OK and close all open dialogue boxes.

View wireless network connections (Start > Control Panel > Connect to the Internet > Wireless OR click on the wireless icon in the system tray). Click on UD_WiFi and click on “Connect”.



Enter your network username and password and click OK.

