

Windows 7 – Wireless Configuration

Before you begin

If you are a new MRU student, you may need to change your MyMRU password to be able to connect to ResNET. Changing your password synchronizes your account and allows it to connect to ResNET.

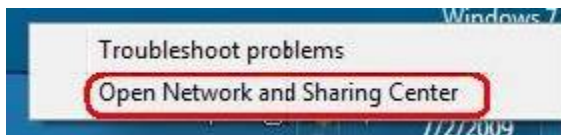
Important note: If you are having consistent problems maintaining a connection it may be necessary to update your Wireless Network Card drivers. Check Windows Update or your computer's manufacturer for up-to-date drivers.

Configuration Steps

1. **Right click** the wireless icon in the lower right side of the task bar.



2. Click **Open Network and Sharing Center**.



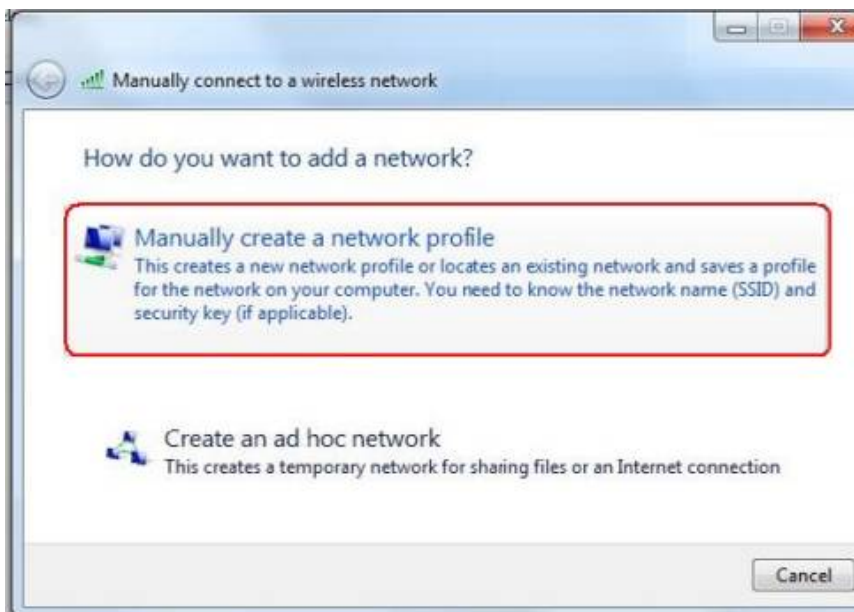
3. Click **Manage wireless networks**.



4. Click **Add**



5. Click **Manually create a network profile**.



6. Specify the appropriate network name (see below), **WPA2-Enterprise** for the security type, **AES** for the encryption type

- ResNET
- ResNET-Fast*

***Fast Network**

The ResNET Fast networks operate on the 5.0Ghz range. These networks will only be displayed if your Wireless Network Card can handle the 5.0Ghz range. Both 802.11a and 802.11n are supported by our network. We strongly encourage the use of this network over the ResNET network.

7. Verify that **Start this connection automatically** is checked

8. Click **Next**.

Manually connect to a wireless network

Enter information for the wireless network you want to add

Network name: ResNET-Fast

Security type: WPA2-Enterprise

Encryption type: AES

Security Key: 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.

Next Cancel

9. Click **Change Connection settings**.

Manually connect to a wireless network

Successfully added ResNET-Fast

Change connection settings
Open the connection properties so that I can change the settings.

10. Verify that the authentication method is set to **Microsoft Protected EAP (PEAP)**.

11. Verify that the box below is **checked**.

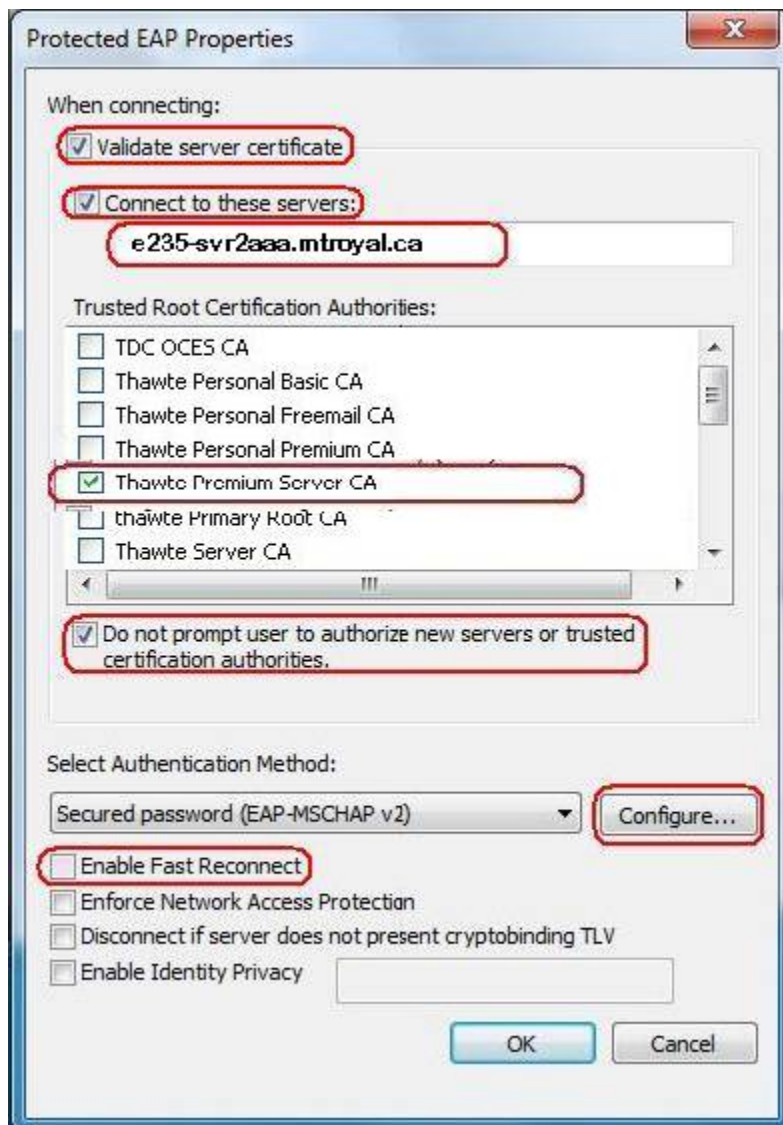
12. Click **Settings**.



13. Verify the 4 boxes are checked as shown below.

14. Specify the following server name: **e235-svr2aaa.mtroyal.ca**

15. Click **Configure**.



16. **Uncheck** the box and click **OK**



17. Click **OK** twice then **close** to save the changes.

18. When prompted, enter your **MYMRU Username** and **password**



19. When the box below pops up, click **details** to verify that you are authenticating against the university's radius server and using the correct Root CA.

20. Click **Connect**.

