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.

Enter information	for the wireless network you want to a	dd
Network name:	(ResNET-Fast	
Security type:	WPA2-Enterprise	
Encryption type:	(AES 👻	
Security Key:	Hide	charac
Start this connec	tion automatically)	
Connect even if	the network is not broadcasting	

9. Click Change Connection settings.

Su	ccessfully added ResNET-Fast
_	
-	Change connection 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.

Security type:	WPA2-Enterprise
Encryption type:	AES 🔻
to this network	South at a subsequent connection b

- 13. Verify the 4 boxes are checked as shown below.
- 14. Specify the following server name: e235-svr2aaa.mtroyal.ca

15. Click **Configure**.

Validate conver certif	Santa	
Validate server cerui	icate	
Connect to these se	ervers:	
e235-svr2aaa.	.mtroyal.ca	
Trusted Root Certificati	ion Authorities:	
TDC OCES CA		
📃 Thawte Personal Ba	asic CA	
🔲 Thawte Personal Fr	reemail CA	
🧾 Thawte Personal Pr	remium CA	
🗹 Thawte Premium Se	orver CA	
📋 thawte Primary Roo	ot CA	
🔝 Thawte Server CA		
< []	III.	1 P.
Ceruncation authorit	hod:	Configure
ect Authentication Methecured password (EAP-1 Enable Fast Reconnect	MSCHAP V2)	
ect Authentication Meth cured password (EAP-1 Enable Fast Reconnect Enforce Network Acces	t) ss Protectian	
ect Authentication Meth ecured password (EAP-1 Enable Fast Reconnect Enforce Network Acces Disconnect if server do	MSCHAP v2) ss Protectian pes not present cryptobinding) TLV
ect Authentication Meth ecured password (EAP-1 Enable Fast Reconnect Enforce Network Access Disconnect if server do Enable Identity Privacy	MSCHAP v2) ss Protection pes not present cryptobinding	ידע דוע

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

When connec	ting:		
		6 - 14 - 14	
Automati	cally use my Y	Vindows logon n	ame and
Automati passwor	cally use my ¥ d (and domain	Vindows logon n if any).	ame and
Automati passwor	c ally use my Y d (and domain	Vindows logon n if any).	ame and

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

18. When prompted, enter your MYMRU Username and password

Network /	Authentication	
Please enter	user credentials	
	(2
	u0123456	Į
	(J

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.

The connection	attempt could not be completed
The Credentials provided by	the converse of the television of the community
that you terminate the conne information provided in the d you to security risk by a poss	ection and contact your administrator with the etails. You may still connect but doing so exposes sible rogue server.