

Configuring Microsoft Windows Vista for WPA2 Enterprise: Windows Wireless

1. From the Start Button, Select Network.

2. Click on the Network and Sharing Center button.



3. Click Set up a connection or network.



4. From the Set up a connection or network window, select Manually connect to a wireless network. Click Next.



5. From the Manually connect to a wireless network window, under Choose a wireless adapter select Wireless Network Connection.

Manually connect to a wireless network	
Choose a wireless adapter	
Wireless Network Connection	
	Next Cancel

- 6. In the Manually connect to a wireless network window, enter the following:
 - a. Network name: UMwpa
 - b. Security type: WPA2-Enterprise (if available otherwise WPA Enterprise)
 - c. Encryption type: TKIP
 - d. Confirm that **Start this connection automatically** is checked.
 - e. Click Next

🚱 💱 Manually connect to a w	vireless network			
Enter information for the wireless network you want to add				
Network name:	UMwpa			
Security type:	WPA2-Enterprise			
Encryption type:	ТКІР 🗸			
Security Key/Passphrase:	Display characters			
V 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			

6. A second **Manually connect to a wireless network** window displays indicating that you have successfully added wpa. Click Change connection setting.



- 7. A **wpa Wireless Network properties** window displays. Click on the **Security** tab and verify that the following are selected:
 - a. Security type: WPA2-Enterprise
 - b. Encryption type: TKIP
 - c. Under Choose a network authentication method select **Protected EAP (PEAP)**
 - d. Also verify that **Cache user information for subsequent connections to this network** is checked.
 - e. Click on the **Settings** tab.

wpa Wireless Network p	roperties		X
Connection Security			
Security type:	WPA2-Enterprise	•	
Encryption type:	ТКІР	•	
Choose a network aut	hentication method:		
Protected EAP (PEAP)	Settings	
Cache user information for subsequent connections			
		OK Car	ncel

- 8. A Protected EAP Properties window displays.
 - a. Uncheck Validate server certificate.
 - b. Uncheck Enable Fast Reconnect, Enable Quarantine checks, and Disconnect if server does not present cryptobinding TLV.
 - c. Under Select Authentication Method, verify that Secured password (EAP-MSCHAP v2) is selected.
 - d. Click Configure.

Protected EAP Properties
When connecting:
Validate server certificate
Connect to these servers:
Trusted Root Certification Authorities:
Class 3 Public Primary Certification Authority
Equifax Secure Certificate Authority
🔲 GTE CyberTrust Global Root 😑
Microsoft Root Authority
Microsoft Root Certificate Authority
Secure Server Certification Authority
Symantec Root 2005 CA 👻
∢ >
Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2) Configure
Enable Fast Reconnect
Enable Ouarantine checks
Disconnect if server does not present cryptobinding TLV
OK Cancel

- 9. An EAP MSCHAPv2 Properties window displays.
 - a. Uncheck Automatically use my Windows logon name and password.
 - b. Click OK.
 - c. Close out of all remaining dialog boxes by clicking **OK** or Close.



10. If you have successfully completed this process an alert will display from your system tray (next to the time display on your task bar). Click inside the alert to validate your credentials.



11. In the Enter Credentials window, enter your User name (NetID) and Password. Do not enter a Logon domain. Click OK.

Enter Credentials	×	
User name:	ab 123456	
Password:	••••••	
Logon domain:		
Save this user name and password for future use		
	OK Cancel	

12. At any time, you may hover over the wireless connection icon located in your system tray to verify that you are connected.

