This configuration guide requires the use of the Windows Wireless Zero Configuration (WZC) to configure the wireless settings. If you are confident that you are currently using Windows to configure your wireless setting and not a third party supplicant you can skip to step #4.

1. Right click on My Computer and select Manage.



- 2. In the Computer Management Window
  - Expand Services and Applications by clicking the (+) sign and then click Services.
  - On the right side find Wireless Zero Configuration in the list of Services; right click on WZC and select Properties.



- 3. The Wireless Zero Configuration Properties window will appear.
  - Ensure that the Service Status is set to Started. If it is not set to start, then click Start.
  - Make sure the **Startup type** is set to **Automatic**.
  - Click **Ok** to close this window then close the **Computer Management** window.

Wireless Zero Co	nfiguration Properties (Local Computer) ? 🔀			
General Log On	Recovery Dependencies			
Service name:	WZCSVC			
Display <u>n</u> ame:	Wireless Zero Configuration			
Description:	Provides automatic configuration for the 802.11			
Pat <u>h</u> to executable: C:\WINDOWS\System32\svchost.exe -k netsvcs				
Startup typ <u>e</u> : Automatic				
Service status:	Started Berume			
You can specify the start parameters that apply when you start the service from here.				
Start para <u>m</u> eters:				
	OK Cancel Apply			

4. Click Start →Control Panel →Network and Internet Connections.



5. Select Network Connections.



6. Right Click on Wireless Network Connection and select Properties.



7. Make sure that the Use Windows to configure my wireless network setting is checked and then click the Add button below Preferred Networks.

4	Wireless Network Connection Properties 🛛 🕐
0	aeneral Wireless Networks Advanced
	✓ Use Windows to configure my wireless network settings
	Available <u>networks</u> : To connect to, disconnect from, or find out more information about wireless networks in range, click the button below.
	View Wireless Networks
	Preterred networks: Automatically connect to available networks in the order listed below: Move up Move down
	Add <u>Remove</u> Properties Learn about <u>setting up wireless network</u> Advanced
-	OK Cancel

- 8. In the Wireless network properties window enter the following settings in the appropriate box.
  - Network name (SSID): diamonds
  - Network Authentication: WPA
  - Data encryption: TKIP
  - Make sure that **This is a computer-to-computer (ad hoc) network** is **NOT** selected.

Wireless network properties				
Association Authentication Connection	_			
Network <u>n</u> ame (SSID): diamonds				
Wireless network key				
This network requires a key for the following:				
Network Authentication: WPA				
Data encryption:				
Network key:				
Confirm network key:				
Key inde <u>x</u> (advanced): 1				
This is a <u>computer-to-computer</u> (ad hoc) network; wireless access points are not used				
OK Cancel				

## DHE Enterprise Wireless Configuration Guide: Windows XP For support contact the DHTS Help Desk at 684-2243 or https://www.dunk.duke.edu/secure/submit/

- 9. Click the Authentication tab to configure the requires authentication settings.
  - In the EAP type drop down box select Protected EAP (PEAP).
  - Check Authenticate as computer when computer information is available.
  - Do not check Authenticate as guest when user or computer information is available.

Click **Properties** under **EAP type**.

diamonds properties ? 🔀					
Association	Authentication	Connection			
Select this wireless Et	option to provide hernet networks.	authenticated network access for			
. <u>E</u> nable	IEEE 802.1x auth	entication for this network			
EAP type:	Protected EAP	(PEAP)			
		Properties			
Authenticate as computer when computer information is available					
Authenticate as guest when user or computer information is unavailable					
-		OK Cancel			

- 10. Configure the **Protected EAP (PEAP) Properties** settings.
  - Check Validate server certificate.
  - In the **Trusted Root Certification Authorities** list select **Equifax Secure Certificate Authority.**
  - Check the **Do not prompt user to authorize new servers or trusted certification** authorities.
  - Under Select Authentication Method select Secured password (EAP-MSCHAP v2).
  - Check Enable Fast Reconnect.

Click **Configure** to configure the EAP-MSCHAP v2 properties.

P	rotected EAP Properties ? 🔀
	When connecting:
	✓ Validate server certificate
	Connect to these servers:
	Trusted Root Certification Authorities:
	🗖 DSTCA E2
	DST-Entrust GTI CA
	Entrust.net Secure Server Certification Authority
	Equifax Secure Certificate Authority
	Equifax Secure eBusiness CA-1
	Equifax Secure eBusiness CA-2
	📃 Equifax Secure Global eBusiness CA-1 🛛 🔍
	Do not prompt user to authorize new servers or trusted certification authorities.
	Select Authentication Method:
	Secured password (EAP-MSCHAP v2)
	OK Cancel

11. Do not check the Automatically use my Windows logon name and password box



- 12. Click **OK** to close all the boxes.
- 13. After a few second a balloon will appear prompting you enter additional credentials. Click the balloon and the **Enter Credentials** popup box will appear.



- 14. Enter your DHE Active Directory credentials.
  - **User name**: Your DHE Active Directory username
  - **Password**: Your DHE Active Directory password
  - Logon domain: DHE



15. You will see another balloon appear. Click the balloon to validate the server certificate.



16. Click **OK** in the **Validate Server Certificate** box to connect to the diamonds wireless network.



17. You should now be connected to the diamonds wireless network.

