How to connect to the diamonds wireless network with Vista.

This configuration guide requires the use of Windows to configure the wireless settings.

1. Click on the **START** menu and click the **Control Panel**.



2. In the Control Panel window click View network status and tasks which is under Network and Internet.



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3. On the left hand side under Tasks click Manage wireless networks.



4. The Manage Wireless Networks will appear. From the left side of the window click Add (+).



5. Select Manually create a network profile.



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- **6.** Enter or select the following information in the appropriate boxes.
 - Network name: diamonds
 - Security type: WPA-Enterprise
 - Encryption type: TKIP
- 7. Check the box next to start this connection automatically and then click Next.

🚱 🔬 Manually connect to a wire	less network
Enter information for th	e wireless network you want to add
N <u>e</u> twork name:	diamonds
<u>S</u> ecurity type:	WPA-Enterprise
Enc <u>r</u> yption type:	TKIP
Security Key/Passphrase:	Display characters
Start this connection aut	tomatically
Connect even if the netv	vork is not broadcasting
Warning: If you select th	nis option, your computer's privacy might be at risk.
	<u>N</u> ext Cancel

8. This window indicates that the **diamonds** SSID has been successfully added. Click **Change connection settings** to configure the Wireless connection properties.

Manually connect to a wireless network	
Successfully added diamonds	
<u>Connect to</u> Open the "Connect to a network" dialog so I can connect.	
Change connection settings Open the connection properties so that I can change the settings.	
	Close

9. Check the box next to **Connect automatically when this network is in range.**

diamonds Wireless Net	work properties	×
Connection Security		
Name:	diamonds	
SSID:	diamonds	
Network Type:		
Network Availability.		
Connect automati	cally when this network is in range	
Connect to a more	e <u>p</u> referred network if available	
Connect even if t	he network is not broadcasting	
		ancel

10. Click the **Security** tab to configure the security settings for the diamonds wireless network.

- Security Type: WPA-Enterprise
- Encryption type: TKIP
- Choose a network authentication method: Microsoft: Protected EAP (PEAP)
- Check the box beside Cache user information for subsequent connections to this network.
- Click Settings.

ĺ	diamonds Wireless Network properties
	Connection Security
	S <u>e</u> curity type: WPA-Enterprise ▼ E <u>n</u> cryption type: TKIP ▼
	Choose a network authentication method: Microsoft: Protected EAP (PEAP)
	\mathbb{Z} Cache user information for subsequent connections to this network
	OK Cancel

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11. In the **Protected EAP Properties** window make sure that the following boxes are checked.

- 1. Validate server certificate
- 2. Trusted Root Certification Authorities: Find and check Equifax Secure Certificate Authority.
- 3. Do not prompt user to authorize new servers or trusted certification authorities.
- 4. Select Authentication Method drop down box, select Secured password (EAP-MSCHAP v2).
- 5. Enable Fast Reconnect.
- 6. Click Configure

Protected EAP Properties
When connecting:
1 🔽 <u>V</u> alidate server certificate
Connect to these servers:
Trusted <u>R</u> oot Certification Authorities:
Class 3 Public Primary Certification Authority
Z V Equifax Secure Certificate Authority
GTE Cyber Irust Global Root
Microsoft Root Authority
Microsoft Root Certificate Authority
Secure Server Certification Authority
3 ☑ Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
4 Secured password (EAP-MSCHAP v2) ▼ Configure
5 🔽 Enable Fast Reconnect
Enable Quarantine checks
Disconnect if server does not present cryptobinding TLV
OK Cancel

12. Clicking Configure which is located to the right of the Select Authentication Method drop down box in the previous screenshot will open the box for EAP MSCHAPv2 Properties. Do not check the box next to Automatically use my Windows logon name and password (and domain if any).

EAP MSCHAPv2 Properties
When connecting: Automatically use my Windows logon name and password (and domain if any).
OK Cancel

- 13. Click OK to close all the open boxes and click Close to
- 14. Click OK again
- 15. Click OK.
- **16.** Make sure diamonds is still highlighted and then click the **Connect** button.

9	😨 Conr	nect to a network			_ • 🔀
	Select a	a network to co	nnect to		
	Sho	All	•		47
	<u>.</u>	diamonds	Security-enabled network		.Il
	ي	guest	Unsecured network		•00
	Set up a (ntk		
	Open Ne	twork and Sharing (Center		
				Connect	Cancel

17. You should see this window after clicking connect indicating an attempt to connect to the diamonds wireless network.



18. The window below will appear prompting you to enter additional credentials to connect to the diamonds wireless network. Click Enter/select additional log on information to see the Enter Credentials popup box. Instead of seeing this you may see the balloon in step #19.

🕒 🗉 💌
Additional log on information is required to connect to this network.
You may need to select a certificate or enter a user name and password to connect to this network
<u>Enter/select additional log on information</u>
Connect to a different network
Cancel

19. If you see this balloon pop up in the lower right of the screen click it to enter your DHE Active Directory username and password in the **Enter Credentials** popup box.



20. In the **Enter Credentials** popup enter your DHE Active Directory credentials.

User name: DHE user name Password: DHE password Logon domain: DHE

User name:	
<u>P</u> assword:	
Logon domain:	

- **21.** You will need to validate the server certificate before connecting to **diamonds**. You should see one of the two screenshots which is dependent on your computer setup.
- **22.** If you see this window click **Enter/select additional log on information** to validate the server certificate.

Connect to a network	• 🔀
Additional log on information is required to connect to this network.	
You may need to select a certificate or enter a user name and password to connect to this network	
Enter/select additional log on information	
\rightarrow <u>Connect to a different network</u>	
Ca	incel

Or

23. If you see this balloon popup at the bottom of your screen click it to validate the server certificate.



24. Select **OK** to validate the Server Certificate.

Validate Server Certificate	
The Root Certification Authority for the server's certificate is: Equifax Secure Certificate Authority If this is the correct certificate, dick OK to connect and you will not see this message again. Click CANCEL to drop connection.	*
	Ŧ
View Server Certifica OK Cancel	te

- **25.** Check the following boxes.
 - Save this network
 - Start this connection automatically

🚽 👰 Connect to a network	
Successfully connected to diamonds	
 ✓ Save this network ✓ Start this connection automatically 	
	Close

27. You should now be successfully connected to the **diamonds** wireless network.