Procedure for setting up PEAP (Wireless) on a Windows XP machine at the University of Toledo



THE UNIVERSITY OF **TOLEDO** 1872

1. Click on the **Start Menu** button and open the **Control Panel.**



2. Double click on Network Connections.

🛃 Control Panel								
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Address 🚱 Control Panel							*	🔁 Go
Control Panel	Ġ,	Ż	õ		2	P	<u>s</u>	
Switch to Category View	Accessibility Options	Add Hardware	Add or Remov	Administrative Tools	Automatic Updates	Date and Time	Display	
See Also 🚷	N		ŝ	W	*	1	L.	
🍓 Windows Update	Folder Options	Fonts	Game Controllers	Internet Options	Java	Keyboard	Mail	
Help and Support	Ċ	@		N		4		
	Mouse	Nero BurnRights	Network Connections	Network Identity	Phone and Modem	Power Options	Printers and Faxes	
		0		ects to other co	mputers, netw	orks, and the Int	ternet.	
	Program Downlo	QuickTime	Regional and Language	Remote Control	Run Advertis	Scanners and Cameras	Scheduled Tasks	
	۲	Ø,	2		Ð		<u> </u>	
	Security Center	Sounds and Audio Devices	Speech	System	Systems Management	Taskbar and Start Menu	User Accounts	
		6						
	Windows CardSpace	Windows Firewall	Wireless Network Set					

3. Right click on the Wireless Network Connection and select Properties.



4. Select the second Tab (Wireless Networks).

🕹 Wireless Network Connection Properties 💦 👔
General Wireless Networks Advanced
Connect using:
👺 Wireless-G PCI Adapter Configure
Location: Slot 2 This connec MAC Address: 00-90-4B-87-91-C9
 Novell Client for Windows Client for Microsoft Networks File and Printer Sharing for Microsoft Networks OoS Packet Scheduler
Install Uninstall Properties Description Allows your computer to access resources on the network.
✓ Sho <u>w</u> icon in notification area when connected ✓ Notify <u>me</u> when this connection has limited or no connectivity
OK Cancel

5. Select **Private** under the **Preferred Network area**.

🕹 Wireless Network Connection Properties 🛛 🔹 🔀
General Wireless Networks Advanced
✓ Use <u>W</u> indows to configure my wireless network settings
Available networks:
To connect to, disconnect from, or find out more information about wireless networks in range, click the button below.
View Wireless Networks
Preferred networks: Automatically connect to available networks in the order listed below:
Private (Automatic)
MCUMCH (Automatic) Y UToledo (Automatic) Move down
Add <u>R</u> emove Properties
Learn about <u>setting up wireless network</u> Ad <u>v</u> anced
OK Cancel

- 6. Make sure **Private** is highlighted and click the **Properties** button.
- 7. Make sure the Network Authentication is set to Open and the Data encryption is set to WEP

Private properties
Association Authentication Connection
Network name (SSID): Private
This network requires a key for the following:
Network Authentication:
Data encryption: WEP
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

8. Click on the Authentication Tab.

Priva	te pro	perties	? 🛛
Asso	ciation	Authentication	Connection
Ne	twork <u>n</u> a	ame (SSID):	Private
	Vireless	network key —	
I I	'his netv	vork requires a ka	ey for the following:
1	Network	Authentication:	Open 😽
1	<u>D</u> ata end	cryption:	WEP 💌
Þ	letwork	<u>k</u> ey:	
C	C <u>o</u> nfirm n	etwork key:	
ĸ	(ey inde <u>)</u> Z T <u>h</u> e k	{ (advanced): ey is provided fo	1 💿 r me automatically
	This is a access	a <u>c</u> omputer-to-cor points are not us	mputer (ad hoc) network; wireless ed
			OK Cancel

9. Click on the **Properties** button under EAP type.

Private properties
Association Authentication Connection
Select this option to provide authenticated network access for wireless Ethernet networks.
☑ Enable IEEE 802.1x authentication for this network
EAP type: Protected EAP (PEAP)
P <u>r</u> operties
Authenticate as <u>c</u> omputer when computer information is available
Authenticate as guest when user or computer information is unavailable
OK Cancel

10. Click on the **Configure** button next to EAP-MSCHAP v2.

Protected EAP Properties
When connecting: Validate server certificate Connect to these servers:
Trusted Root Certification Authorities:
 AAA Certificate Services ABA.ECOM Root CA AC RAIZ DNIE A-CERT ADVANCED Agence Nationale de Certification Electronique Agence Nationale de Certification Electronique America Online Root Certification Authority 1 Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2)
OK Cancel

11. Uncheck the box (Automatically use my Windows Logon name and password).



- 12. Click **OK.**
- 13. Click **OK** again.
- 14. Click **OK**.
- 15. Click **OK**.
- **16.** Right click on the **Wireless Network Connection** and select **View Available Wireless Connections.**

17. Select **Private** and click the **Connect** button.



18. A box will pop up at the bottom right hand corner (See below).



19. Click on it and another box will show up asking for a User Name, Password, and Domain.

Enter Credentials
User name:
Password:
Logon domain:
OK Cancel

- 20. Type in your UTAD User ID, your UTAD password, and UTAD for Logon domain.
- 21. Click OK.
- 22. A box will pop up (Validate Server Certificate)

١	/alidate Server Certificate
	The Root Certification Authority for the server's certificate is: VeriSign Trust Network If this is the correct certificate, click OK to connect and you will not see this message again. Click CANCEL to drop connection.
	View Server Certificate
	OK Cancel

- 23. Click Ok
- 24. It will connect you to the UT wireless Network using PEAP.