## Windows XP SP2 wireless (WPA) setup - Detailed

Wireless 802.1x Authentication - Windows XP

## Accessing and Configuring 802.1x Authentication for Windows XP

1. Open the Start Menu and select Control Panel.



2. In the Control Panel select Network Connections.

File       Edit Vew Favorites       Tools       Help         Address       Control Panel       Image: Control Panel       Image: Control Panel       Image: Control Panel         Accessibility       Add or       Add or       Add or       Add or       Image: Control Panel       Image: Control Panel<	💕 Control Panel							
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4. The Wireless Network Connection Properties dialog box will appear. Select the **Wireless Networks** tab. If you do not see the Wireless Network tab, go back to step 4 and make sure the wireless network connection is enabled.

erieiai	Wireless Netw	orks Advance	be	
Connec	t using:			
<b>B</b>	ell Wireless 14	70 Dual Band V	/LAN	Configure
This co	nnection uses th	he following iten	ns:	
	Client for Micro	osoft Networks		~
	Deterministic N	Network Enhan	cer	
	File and Printe	r Sharing for Mi	crosoft Netw	vorks
	I OoS Packet S	icheduler		
		-		
	nstall	Uninstall		Properties
Desc	iption			
Allov netw	is your compute ork.	r to access resi	ources on a	Microsoft
🗹 Sho	w icon in notific	ation area wher	connected	9
<ul> <li>Noti</li> </ul>	fy me when this	connection has	limited or n	o connectivity

5. Select Add... to configure the wireless network.

✓ Use	e Windows to configu	re my wirel	ess netwo	ork settings
Avail	able networks:	on: 22	201 - 50	2020 02
To c abou	onnect to, disconnec! It wireless networks in	t from, or fil range, clic	nd out mo :k the but	re information ton below.
		Ē	View Win	eless Networks
below	N:			Move up
				Move down
				Thore domi
	Add Remo	ove	Propertie	s

6. Enter UA\_WPA (case sensitive) in the Network name (SSID) field. Select WPA2 for Network Authentication and AES for Data Encryption

and select the Authentication tab.

• NOTE: If WPA is not available in the Network Authentication field, your wireless card is not supported or your card might require a firmware/driver update. Check with your card/PC manufacturer.

reless ne	twork proper	ties	?
Association	Authentication	Connection	
Network <u>n</u> a	ime (SSID):	UA_WPA	
Conn Wireless r This netw	ect even if this n network key vork requires a ke	etwork is not broadcastin	g
Network	Authentication:	WPA2	~
Data encryption:		AES	~
Network	key:		
C <u>o</u> nfirm n	etwork key:		
Key indeg	(advanced)	1	
The k	ey is provided for	r me automatically	wireless

7. Select the Protected EAP (PEAP) from the EAP type pull down, deselect Authenticate as computer when computer information is available, and select Properties.

SSOCIATION	Authentication	Connection
Select this wireless Etl	option to provide hemet networks.	authenticated network access for
🗹 Enable	IEEE 802.1x auth	nentication for this network
EAP type:	Protected EAP	(PEAP)
Authent	icate as compute	er when computer information is available
Autheni	icate as compute icate as guest wł able	er when computer information is available

8. Ensure the Validate server certificate box is checked. Place a check in the box for ALL VeriSign Trust Network instances in the Trusted Root Certificate Authorities list. Select Secured password (EAP-MSCHAP-v2) for Select Authentication Method. Make sure Enable Fast Reconnect is checked. and select Configure.

	Protected EAP Properties	×
	When connecting:	
	└ Validate server certificate	
	Connect to these servers:	
	Trusted Root Certification Authorities:	
	VeriSign Trust Network	<u> </u>
	VeriSign Trust Network	
	VeriSign Trust Network	-
	1	
	Do not prompt user to authorize new servers certification authorities. Select Authentication Method:	s or trusted
	Secured password (EAP-MSCHAP v2)	▼ Configure
	Enable Fast Reconnect	
	Enable Quarantine checks	
	Disconnect if server does not present cryptobin	nding TLV
	OK	Cancel
9. Deselect Automatically	use my windows logon name and password (and dom	iain it any).

EAP MS	CHAPv2 Pro	operties		
When c	onnecting:			
Pa Pa	itomatically us issword (and c	e my Winc Jomain if a	lows logon ny).	name and

10. Select anywhere in the Wireless Network Connection bubble. DO NOT select the X to close the Wireless Network Connection information bubble.



11. The Enter Credentials dialog box will appear. Enter your NetID and UNIX Password. Leave the Logon domain field blank and select OK.

Enter Crede	ntials 🛛 🔀
User name:	ab123456
Password:	•••••
Logon domain	
Save this	user name and password for future use
	OK Cancel
<ul> <li>12. The following dialog should appear once again. C</li> <li>(a) Wir</li> <li>Click here</li> <li>Click here</li> <li>Connection</li> <li>13. A message will appear concerning the server cert</li> </ul>	lick on the yellow part of the bubble to open the next step. eless Network Connection to select a certificate or other credentials for on to the network UA_WPA ificate, click OK.
Validate Server Ce	ertificate
The Root Certificat VeriSign If this is the correc this message again	ion Authority for the server's certificate is: Trust Network t certificate, click OK to connect and you will not see Click CANCEL to drop connection.
	View Server Certificate OK Cancel

14. The Wireless Network Connection is now connected information bubble will appear.

If the search results do not provide an answer to your question, please submit a Service Desk Request