## How to Configure ASU Secure Wireless Network on Windows Machine without an Appstate Image

**NOTE** - A properly imaged Appstate machine should automatically connect to the "ASU Secure Wireless Network". Use these instructions for special cases:

This article provides instructions on how to configure ASU Wireless on a Windows machine.





2. In the left side-bar menu, select the option "Network & Internet Settings".



3. Click "Manually connect to a wireless network".



4. Enter the following information, then click "Next".

Network name: asu

Security type: WPA2-Enterprise

Encryption type: AES

Enter information	for the wireless networ	rk you want to add
N <u>e</u> twork name:	asu	
Security type:	WPA2-Enterprise	•
Encryption type:	AES	•
Se <u>c</u> urity Key:		Hide characters
Start this connec	tion automatically	
Connect even if	the network is not broadcasting	ng
Warning: If you	select this option, your compu	uter's privacy might be at risk.
✓ Start this connect Connect even if Warning: If you	tion automatically the network is not broadcastin select this option, your compu	ng uter's privacy might be at risk.

5. Click "Change connection settings".

## 6. Click the "Security" tab.

u Wireless Network P	roperties
Connection Security	
Name:	asu
SSID:	asu
Network type:	Access point
Network availability:	All users
Connect automati	cally when this network is in range
Connect to a more	preferred network if available
Connect even if t	ne network is not broadcasting its name (SSID)
Enable Intel conne	action settings
	con seconds
Configure	
	OK Cancel

7. Ensure that the network authentication method is Microsoft: Protected EAP (PEAP), then click the "Settings" button.

onnection Security			
Security type:	WPA2-Enterprise		•
Encryption type:	AES		•
Ch <u>o</u> ose a network a	authentication method:		_
Ch <u>o</u> ose a network a Microsoft: Protecte <u>R</u> emember my ci	authentication method: d EAP (PEAP)	<u>S</u> ettings	;
Ch <u>o</u> ose a network a Microsoft: Protecte Remember my ci time I'm logged o	authentication method: ad EAP (PEAP) redentials for this connect on	<u>S</u> ettings tion each	;
Choose a network a Microsoft: Protecte Remember my cr time I'm logged o	authentication method: ed EAP (PEAP)  v redentials for this connection	Settings tion each	:
Ch <u>o</u> ose a network a Microsoft: Protecte	authentication method: ed EAP (PEAP)  v redentials for this connection	Settings tion each	•
Choose a network a Microsoft: Protecte Remember my cr time I'm logged o Advanced setting	authentication method: ed EAP (PEAP)  v redentials for this connection	Settings tion each	3
Choose a network a Microsoft: Protecte Remember my cr time I'm logged o Advanced setting	authentication method: ed EAP (PEAP)  v redentials for this connect on gs	<u>S</u> ettings tion each	3

8. At the top, uncheck the box that says "Verify the server's identity by validating the certificate".

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the certificate	
Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
Trusted Root Certification Authorities:	
Baltimore CyberTrust Root         Class 3 Public Primary Certification Authority         COMODO RSA Certification Authority         DigiCert Assured ID Root CA         DigiCert Global Root CA         DigiCert Global Root C2         DigiCert High Assurance EV Root CA	
Notifications before connecting: Tell user if the server name or root certificate isn't specified	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2)  Configure.	
Enable Fast Reconnect     Disconnect if server does not present cryptobinding TLV     Enable Identity Privacy	
OK Cancel	

9. Click "Configure". Uncheck the option "Automatically use my Windows logon name and password (and domain if any)".

When conn	ectina:		
	-		
Autom	atically use my	Windows lo	ogon name a
passw	ord (and doma	in <mark>if any</mark> ).	

10. Click "OK" to close the dialog window, then "OK" again so that you're back to the "Security" tab of the Wireless Network Properties window. Click the "Advanced Settings" button.

onnection Security	1
Security type:	WPA2-Enterprise
Encryption type:	AES
Microsoft: Protecte	d EAP (PEAP)
Remember my cr time I'm logged o	d EAP (PEAP)    Settings  edentials for this connection each on
Microsoft: Protecte Remember my cr time I'm logged o	d EAP (PEAP)  vedentials for this connection each on gs
Microsoft: Protecte Remember my cr time I'm logged c Advanced setting	d EAP (PEAP)  vedentials for this connection each on gs
Microsoft: Protecte Remember my cr time I'm logged o	edentials for this connection each

11. Check the box "Specify authentication mode" and select "User authentication" from the drop-down menu, then click the "Save credentials" button.



12. Enter your App State user name and password.

Save crede	entials
Saving your c	redentials allows your computer to connect to the netwo
when you're r	ot logged on (for example, to download updates).
	user hame here
	•••••

- 13. Click "OK" to close all of the dialog windows.
- 14. Click the wireless icon in the taskbar.



- 15. Click on the "asu" wireless network to connect (it may already be connected).
- 16. Your device should now connect to the asu network.
- 17. You will need to register your device on the secure wireless.

18. Once connected to "asu", open a web browser (Firefox, Chrome, Safari) and go to <u>netreg2.appstate.edu</u>. Log in using your App State username and password. Follow the steps to register your device.

· ⇒ C	https://netreg.appstate.edu
Net	Reg Network Support Services
Netreg Net	ork Registration System
	Welcome to the ASU Network Registration System. Please login as an ASU User or UGuest: ASU Login Name: Password: Login
	OR Please login as a Visitor to the ASU Network Visitor Email Address Visitor Login

- (i)
- Registration takes 15-20 minutes to go through, you will need to shut down and re-boot your device after 15-20 minutes for the registration to take effect.
- Students are allowed 4 device registrations and Faculty/Staff are allowed 5 registrations on the "asu" secure network.



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