NOTE: The manual configuration instruction below are in the process of being revised to reflect the network name change to **eduroam**. All configuration settings for the TSC-**eduroam** requires a username in the form of <u>username@student.tsc.edu</u>. Use your TSC ID followed by @student.tsc.edu (jdoe@student.tsc.edu, for example) and your TSC ID passphrase to log in.

Manual Configuration Instructions

Windows Configuration Instructions

- <u>Windows 8 Wireless Instructions</u>
- Windows 7 Wireless Instructions

Windows 8 instructions:

To manually configure your Windows computer to connect to the UI Wireless eduroam network:

1. Run <u>Windows Updates</u>. Verify that all critical patches and security updates are installed. You may also need to <u>update the drivers</u> for their wireless card. Usually these can be obtained from the laptop manufacturer's web site.

2. From the Start screen right click or swipe from the bottom screen to bring up the **All Apps** option. Select **All Apps**.



3. Select Control Panel.

Ah	5				
Lync 2013	Spreadsheet Compare 2013	Character Map	Windows Journal		Windows Easy Transfer
Inter Recording Manager	Deshboard for	Mith Input Panel	🔯 Windows Media Player	Command Prompt	Windows Early Transfer Reports
Office 2013 Language	Telemetry Log for Office 2013	Motegad	WordFlad	Computer	Windows PowerShall
Office 2015 Uplead Center	Word 2013	of Part	XPS Viewer 🛛 🕻	Control Fame	
OneNote 2013		Remote Desktop Connection		Detault Programs	
Outlook 2013	Microsoft Siverlight	Shipping Tool	Magnéher	File Explorer	
PowerRoine 2013		Sound Recorder	Norrator	Help and Support	
Publisher 2013	Software Center	Steps Recorder	On-Seven Keyboard	🔟 fan	
Send to OneNote 2013		Sticky Notes	Windows Speech Recognition	Tesk Manager	
SkyCrive Pro 2013	Calculator	Windows fax and Scon		Windows Defender	

Alternatively, you can also access the Control Panel from the Desktop by hitting the Windows key+X



4. Select on the **view network status and task** link under the **Network and Internet** category.



5. Select Set up a new connection or network.

Network and Sharing Center -				- 🗆 🗙
📀 🧼 ⊤ ↑ 🚆 ► Control Pane	el > All Control Panel Items > Network and Sharing Cent	ter v C	Search Control Panel	Q
Control Panel Home	View your basic network information and se	et up connections		
Change adapter settings	View your active networks			
Change advanced sharing settings	eduroam Public network	Access type: Internet Connections: 📲 Wi-Fi (eduroam)		
	Change your networking settings Set up a new connection or network Set up a broadband, dial-up, or VPN connection Troubleshoot problems Diagnose and repair network problems, or get t	n; or set up a router or access point. roubleshooting information.		
See also				
Internet Options				
Windows Firewall				

6. Select Manually connect to a wireless network.



- 7. Type in the following information:
- Network name: eduroam
- Security type: WPA2-Enterprise
- Encryption type: AES
- Put a check next to Start this connection automatically.
- -Click Next.

Enter information	for the wireless networ	k you want to add	
Network name:	eduroam		
Security type:	WPA2-Enterprise	*	
Encryption type:	AES	¥	
Security Key:		Hide chara	cters
Start this connec	ction automatically		
Connect even if	the network is not broadcastin	,	
Warning: If you	select this option, your compu	er's privacy might be at ri	sk.

8. Select Change connection settings.



9. Select the **Security** tab.

-Choose a network authentication method: **Protected EAP** (**PEAP**) and click the Settings button.

- If you put a check in the box next to *Remember my credentials for this connection each time I'm logged on*. After changing your password you will have to remove this check before you can type in your new password.

Connection	Security		
Security t	ype:	WPA2-Enterprise	¥
Encryption	type:	AES	~
Microsoft	: Protected	EAP (PEAP) V	Settings
Remen time I'r	nber my cre n logged on	dentials for this connection	each
Remen time In Advance	nber my cre n logged on ced settings	dentials for this connection	each

- 10. On the Protected EAP Properties window:
- Check the boxes next to Validate server certificate and Connect to these servers.
- Enter eduroam.tsc.edu in the Connect to these servers field.

- Select AddTrust External CA Root from the Trusted Root Certificate Authorities list.

- Make sure that **Secured password (EAP-MSCHAP v2)** is selected in the **Select Authentication Method** list.

- Click the **Configure** button.

Protected EAP Properties	23
When connecting:	
Validate server certificate	
Connect to these servers:	
eduroam.tsc.edu	
Trusted Root Certification Authorities:	
Entrust.net Certification Authority (2048)	
Entrust.net Secure Server Certification Authority	
Equifax Secure Certificate Authority	
GeoTrust Global CA	
GlobalSign Root CA	
Go Daddy Class 2 Certification Authority	
Go Daddy Root Certificate Authority - G2	T
4 m	
Do not prompt user to authorize new servers or trusted certification authorities.	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) Configu	re
V Enable Fast Reconnect	
Enforce Network Access Protection	
Disconnect if server does not present cryptobinding TLV	
Enable Identity Privacy	
OK Can	cel

11. In the EAP MSCHAP v2 Properties window, remove the check from the Automatically **use my**... box. -Click OK until the boxes close.

Protected EAP Properties	s
EAP MSCHAPv2 Properties	×
When connecting: Automatically use my Windows logon name an password (and domain if any).	d 3\.com):
OK Cancel	^
Admin-Root-CA AffirmTrust Commercial AffirmTrust Networking AffirmTrust Premium AffirmTrust Premium ECC <	×
Notifications before connecting:	
Tell user if the server name or root certificate isn't	specified v
Select Authentication Method: Secured password (EAP-MSCHAP v2)	✓ Configure
Enable Fast Reconnect Enforce Network Access Protection Disconnect if server does not present cryptobinde Enable Identity Privacy	ng TLV
ОК	Cancel

- 12. Click ok and close to exit out of the properties and security windows.
- 13. Go to the list of wireless networks and select **eduroam**.



14. Enter your <u>TSC ID followed by @student.tsc.edu</u> in the User name field (<u>jdoe@student.tsc.edu</u>, for example) and your TSC ID passphrase in the Password field, then click Connect.



Note: Your user name and password are saved in the Windows Wireless configuration tool. When you change your TSC ID password, you will need to change it in the wireless configuration tool, as well. See the <u>Update Your TSC ID Password in UI Wireless</u> <u>Configurations</u> page for more information.



Note: You will get a message stating to verify identity. Click Connect

Windows 7 instructions:

To manaully configure your Windows computer to connect to the TSC Wireless eduroam network:

1. Run <u>Windows Updates</u>. Verify that all critical patches and security updates are installed. You may also need to <u>update the drivers</u> for their wireless card. Usually these can be obtained from the laptop manufacturer's web site. 2. From the **Start** button (the circle in the left hand corner with the Windows flag), select **Network**.



Organize - Networ	k and Sharing Center Add a prin	ter Add a wireless device	š • 🗇 🛛
 ★ Favorites ■ Desktop ▲ Downloads ③ Recent Places ② Libraries ③ Libraries ③ Documents ④ Music ■ Pictures ■ Videos ♥ Videos ♥ Computer ▲ Local Disk (C:) ♥ Network 	Provides network status, and access to network setting:	gives	

3. Click the Network and Sharing Center button.

4. Click set up a connection or network link.



5. Select Manually connect to a wireless network.



- 6. Type in the following information:
 - Network name: eduroam
 - Security type: WPA2-Enterprise
 - Encryption type: **AES**

	a second se	1. mar
9	Manually connect to a wireless network	
	Enter information for the wireless network you want	to add

eduroam

WPA2-Enterprise

- Put a check next to Start this connection automatically.

Network name:

Security type:

Encryption type:	AES	
Security Key:		<u>H</u> ide characters
Start this connec	tion automatically	
Connect even if Warning: If you	the network is not broadc select this option, your co	casting omputer's privacy might be at risk.
		Next Cancel

-

-

X

7. Select Change connection settings.



8. Select the Security tab.

- Choose a network authentication method: **Protected EAP (PEAP)** and click the **Settings** button.

- If you put a check in the box next to Cache user information for subsequent connections to this networks Windows will save your username and password and allow you to connect automatically. After changing your password you will have to remove this check

eduroam Network Properties
Connection Security
Security type: WPA2-Enterprise
Encryption type: AES -
Choose a network authentication method:
Microsoft: Protected EAP (PEAP) ▼ Settings
Remember my credentials for this connection each
A <u>d</u> vanced settings
OK Cancel

before you can type in your new password.

- 9. On the Protected EAP Properties window:
 - Check the boxes next to Validate server certificate and Connect to these servers.
 - Enter eduroam.tsc.edu in the Connect to these servers field.

- Select AddTrust External CA Root from the Trusted Root Certificate Authorities list.

- Make sure that **Secured password (EAP-MSCHAP v2)** is selected in the **Select Authentication Method** list.

- Click the **Configure** button.

Protected EAP Properties	23
When connecting:	
Validate server certificate	
Connect to these servers:	
eduroam.tsc.edu	
Trusted Root Certification Authorities:	
Entrust.net Certification Authority (2048)	*
Entrust.net Secure Server Certification Authority	
Equifax Secure Certificate Authority	
GeoTrust Global CA	
GlobalSign Root CA	
Go Daddy Class 2 Certification Authority	
Go Daddy Root Certificate Authority - G2	T
•	
Do not prompt user to authorize new servers or trusted certification authorities.	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) Configu	ıre
V Enable Fast Reconnect	
Enforce Network Access Protection	
Disconnect if server does not present cryptobinding TLV	
Enable Identity Privacy	
OK Car	cel

10. In the EAP MSCHAP v2 Properties window, remove the check from the **Automatically use my...** box. Click OK until the boxes close.

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

11. Click the bubble in the lower right hand corner that says **Additional infomation is** required to connect to eduroam

	Windowy Fernault				
0 items			Additional information	is required to connect to a mation and connect	eduroam ×
(B) 6	Villeconnecting a shint	a Newcol	🗮 Network and Phonese	Manually connect t	8101 1140

12. Enter your TSC ID followed by @students.tsc.edu in the **User name** field (jdoe@student.tsc.edu, for example) and your TSC ID passphrase in the **Password field**, **then** click **OK**.

Windows Security					
Network Au Please enter us	uthentication er credentials				
	User name Password				
		OK Cancel			

Note: Your user name and password are saved in the Windows Wireless configuration tool. When you change your TSC ID password, you will need to change it in the wireless configuration tool, as well. See the <u>Update Your TSC ID Password in UI Wireless</u> <u>Configurations</u> page for more information.