

HOW TO CONNECT TO RESNETSECURE USING AN ETHERNET CONNECTION (WINDOWS 10 OPERATING SYSTEM)

1. Type in the search bar "Control Panel" and select the **Control Panel** application.

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2. In the control panel window, select the **System and Security** option.

3. Find and select the Administrative Tools option.



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4. In the Administrative Tools Window, find and select **Services**.

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5. In the Services window, scroll down and find the **Wired AutoConfig** option. Rightclick on the *Wired AutoConfig* option and select **Properties**. In the Properties window, change the *Startup Type* to *Automatic* and then click *Start* under *Startup Services*. Click **OK** and close remaining windows.

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		🍓 Windows Push Notification	This service	Running	Automatic	Loci	Description:	responsible for performing IEEE 802.1X
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	Extended Standard					_		
								Cancei Apply

6. Go back to the Control Panel (See Step #1.) and select the **Network and Internet** option.



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7. Select the Network and Sharing Center option.



8. Click on Change Adapter Settings.

Network and Sharing Center				-	×
← → × ↑ 🔽 > Control Pane	el $ ightarrow$ Network and Internet $ ightarrow$ Network and Sharing Center		√ Č	Search Control Panel	P
Control Panel Home	View your basic network information and se	et up connections			
Change adapter settings					
Change advanced sharing	uno.edu	Access type: Internet			
settings	Domain network	Connections: 📮 Ethernet			
Media streaming options					
	Change your networking settings				
	Set up a new connection or network Set up a broadband, dial-up, or VPN connection	n; or set up a router or access point.			
Troubleshoot problems Diagnose and repair network problems, or get troubleshooting information.					

9. In the change adapter settings, right-click on the **Ethernet Adapter** Option and select **Properties**.



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10. In the *Ethernet Properties* window, click on the **Authentication** Tab and change the following settings:

Ethernet Properties	X ➤ Check the box for Enable IEEE 802.1X
Networking Authentication	<i>authentication</i> . → Select the pulldown option Microsoft :
Select this option to provide authenticated network access for	Protected EAP (PEAP) for Choose a network authentication method:
this Ethemet adapter.	 Check the box Remember my credentials
Enable IEEE 802.1X authentication	for this connection each time I'm logged
Choose a network authentication method:	 Check the box for Fallback to
Microsoft: Protected EAP (PEAP) V	unauthorized network access.
Remember my credentials for this connection each	configuring the next step:
time I'm logged on	
Fallback to unauthorized network access	
Additional Settings	
OK Canc	cel



11. In the Additional (Advanced) Settings window, check the Specify authentication mode box and select the User authentication option from the pulldown menu. Click Save credentials. In the Save credentials, Windows Security window, type in your UNO credentials (i.e. username & UNO password). Click OK once finish with both windows.

Advanced settings × 1 802. 1X settings User authentication mode User authentication Save credentials Delete credentials for all users	Windows Security Save credentials Saving your credentials allows your computer to connect to the network when you're not logged on (for example, to download updates).	×
Enable single sign on for this network Perform immediately before user logon Perform immediately after user logon Maximum delay (seconds): Allow additional dialogs to be displayed during single sign on This network uses separate virtual LANs for machine and user authentication	jlafitte Password OK Cancel	
OK Cancel		

12. Go back to the *Ethernet Properties* window (Step #10) and click on the **Settings** button for the *Choose the authentication method option*.

Ethernet Properties	×
Networking Authentication	
Select this option to provide authenticated network access for this Ethemet adapter.	
Enable IEEE 802.1X authentication	
Choose a network authentication method:	
Microsoft: Protected EAP (PEAP) V Settings	
✓ Remember my credentials for this connection each time Im logged on ✓ Falback to unauthorized network access	
Additional Settings	
OK Cance	9

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- 13. In the Settings (Protected EAP Properties) window,
 - Check the box for Verify the server's identity by validating the certificate. Keep
 - > Unchecked the box for *Connect to these servers*:
 - > Check the box for *Enable Fast Reconnect*.
 - Uncheck the box for Disconnect if the server does not present cryptoblocking TLV
 - > Uncheck the box for *Enable Identity Privacy*

Protected EAP Properties X	
When connecting: Verify the server's identity by validating the certificate Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):	
Trusted Root Certification Authorities:	EAP MSCHAPv2 Properties X
 AddTrust External CA Root Altus Local client Certificate Authority Baltimore CyberTrust Root Certum CA Certum Trusted Network CA Class 3 Public Primary Certification Authority COMODO RSA Certification Authority 	When connecting: Automatically use my Windows logon name and password (and domain if any). OK Cancel
Notifications before connecting: Tell user if the server name or root certificate isn't specified Select Authentication Method: Secured password (EAP-MSCHAP v2) Enable Fast Reconnect Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK	 Click on the Configure button. Uncheck the Automatically use my Windows logon name and password (and domain if any) checkbox. Click OK button in both windows.

14. The network should allow you to authenticate and connect to resnetsecure. Enjoy!

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