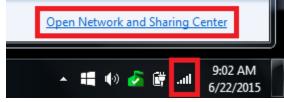
The steps below are designed to help Students, Faculty, and Staff connect to the wireless network at Olivet Nazarene University called ONU on Windows 7 (Guests should use ONUGuest).

- 1. Right click on the network icon in the taskbar
- 2. Click "Open Network and Sharing Center"



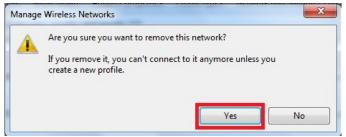
3. Click "Manage Wireless Networks"



4. Select any networks that need to be removed, then click "Remove." Remove all of the following networks: ONU, Solomon, Judah, and ONUGuest.

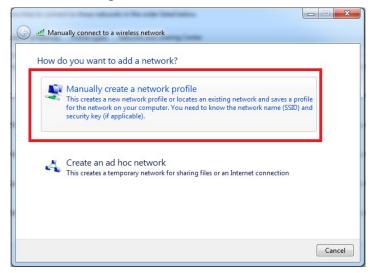


5. Click "Yes" on the pop-up window

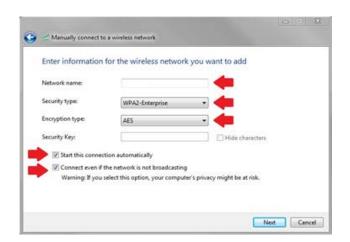


6. Click "Add" to begin setup of the ONU wireless network profile

7. Click "Manually create a network profile"

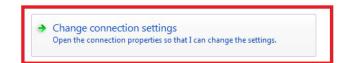


- 8. The Network name as: "ONU" (make sure to capitalize ONU)
- 9. Change Security Type to "WPA2-Enterprise"
- 10. Encryption type should be "AES"
- 11. Make sure that the checkbox next to "Start this connection automatically" is checked
- 12. Make sure that the checkbox next to "Connect even if the network is not broadcasting" is checked
- 13. Click "Next"



#### \*Note: If you do not see WPA2-Enterprise as an option, go to step #36.

14. Click "Change connection settings"



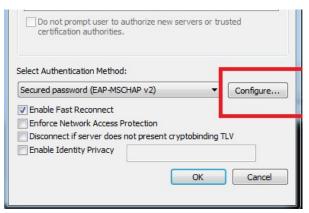
- 15. Click the "Security" tab
- 16. Click the "Settings" button

Connection Security	1
Security type:	WPA2-Enterprise
Encryption type:	AES 💌
Microsoft: Protecte	redentials for this connection each
Advanced setting	95

17. Uncheck the "Validate server certificate" checkbox

en connectina:	
Validate server certificate	
Connect to these servers:	
rusted Root Certification Authorities:	
AddTrust External CA Root	
AddTrust External CA Root Class 3 Public Primary Certification Authority	-
Class 3 Public Primary Certification Authority	
Class 3 Public Primary Certification Authority DigiCert High Assurance EV Root CA	
Class 3 Public Primary Certification Authority DigiCert High Assurance EV Root CA Entrust.net Certification Authority (2048)	
Class 3 Public Primary Certification Authority DigiCert High Assurance EV Root CA Entrust.net Certification Authority (2048) Entrust.net Secure Server Certification Authority	

18. Click the "Configure" button



19. Uncheck the "Automatically use my windows logon name and password (and domain if any)" box

/hen conn	ecting:		
	natically use my		ogon name and
passw	vord (and domai	in if any).	

- 20. Click "OK" (on the EAP MSCHAPv2 Properties window)
- 21. Click "OK" (on the Protected EAP Properties window)
- 22. Click on the "Advanced Settings" button

Security type:	WPA2-Enterprise	-
Encryption type:	AES	•
	uthentication method:	
Microsoft: Protecte	d EAP (PEAP) 🔹 Setting:	s
Microsoft: Protecte	d EAP (PEAP)	s
Microsoft: Protecte	d EAP (PEAP)	S
Microsoft: Protecte	d EAP (PEAP)    Setting: redentials for this connection each on	S
Microsoft: Protecte	d EAP (PEAP)    Setting: redentials for this connection each on	S
Microsoft: Protecte	d EAP (PEAP)    Setting: redentials for this connection each on	S

- 23. Check the "Specify authentication mode:" box
- 24. Choose "User Authentication"
- 25. Click "Save credentials"

Specify authentication mode:	
Delete credentials for all user	Save credentials
Enable single sign on for this net	work
Perform immediately before u	iser logon
Perform immediately after use	er logon
Maximum delay (seconds):	10
Allow additional dialogs to be sign on	displayed during single
This network uses separate v and user authentication	irtual LANs for machine

26. Type your ONUnet username and password (same as you use for my.olivet.edu)

Save crede	ntials		
	edentials allows your con ot logged on (for examp		
when you ic i	or logged on (ior examp	ie, to download a	ipuaces).
	0.		
	User name		
	Password		

- 27. Click "OK" (on the "Windows Security" window)
- 28. Click "OK" (on the "Advanced Settings" window)
- 29. Click "OK" (on the "ONU Wireless Network Properties" window)
- 30. Click "Close" (on the "Manually Connect to a Wireless Network" window)
- 31. Close out of the "Manage Wireless Networks" window
- 32. Open a Web browser (E.G. Firefox, IE, Chrome) to make sure you are connected

**\*\*END OF WPA2 INSTRUCTIONS** 

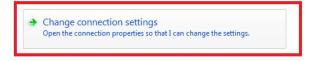
#### \*FOR DEVICES WITHOUT WPA2 SUPPORT\*\*

- 33.Enter the Network name as: "ONU" (make sure to capitalize ONU)
- 34. Change Security Type to "WPA-Enterprise"
- 35. Encryption type should be "TKIP"
- 36. Make sure that the checkbox next to "Start this connection automatically" is checked
- 37. Make sure that the checkbox next to "Connect even if the network is not broadcasting" is checked

38. Click "Next"

Network name:		
Security type:	WPA-Enterprise 🔻	
Encryption type:	ткір 👻	
Security Key:	Hide chi	aracters
Start this connec	tion automatically	
Connect even if	the network is not broadcasting	

39. Click "Change connection settings"



- 40. Click the "Security" tab
- 41. Click the "Settings" button

Connection Security	1
Security type: Encryption type:	WPA2-Enterprise
Microsoft: Protecte	redentials for this connection each
Advanced setting	25

42. Uncheck the "Validate server certificate" checkbox



#### 43. Click "Configure" button

Do not prompt user to author certification authorities.	rize new servers or trusted
Select Authentication Method:	
Secured password (EAP-MSCHAP	v2)  Configure
Enable Fast Reconnect	
Enforce Network Access Protein	ction
Disconnect if server does not p	present cryptobinding TLV
Enable Identity Privacy	
	OK Cancel

44. Uncheck the "Automatically use my windows logon name and password (and domain if

Vhen connec	ting:		
			on name and
passwor	d (and domain	n if any).	

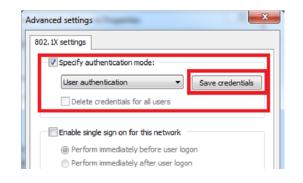
- 45. Click "OK" (on the EAP MSCHAPv2 Properties window)
- 46. Click "OK" (on the Protected EAP Properties window)
- 47. Click on the "Advanced Settings" button

Connection Security	
Security type: Encryption type:	WPA2-Enterprise   AES
	uthentication method:
Microsoft: Protecte	ed EAP (PEAP)
time I'm logged o	ก
Advanced setting	gs

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Last revised: 6/4/18
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# <u>ONUnet – ONU Setup Guide for Windows 7</u>

- 48. Check the "Specify authentication mode:" box
- 49. Choose "User Authentication"
- 50. Click "Save credentials"



51. Type your ONUnet username and password (same as you use for my.olivet.edu)

mputer to connect to the networ le, to download updates).
le. to download updates).

52. Click "OK" (on the "Windows Security" window)

- 53. Click "OK" (on the "Advanced Settings" window)
- 54. Click "OK" (on the "ONU Wireless Network Properties" window)
- 55. Click "Close" (on the "Manually Connect to a Wireless Network" window)
- 56. Close out of the "Manage Wireless Networks" window
- 57. Open a Web browser (E.G. Firefox, IE, Chrome) to make sure you are connected

\*\*END OF WPA INSTRUCTIONS

If you need further assistance, contact the IT Help Desk.

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