

Connecting to ResNet – Windows Vista

The following instructions are for Windows Vista users. If your computer uses any other operating system, please contact the UNO Help Desk at (504) 280-HELP(4357) for assistance.

GENERAL NOTE:

ResNet is provided as a resource for UNO students to access University and Internet based services. As such, the network must be secured to prevent unauthorized usage. The instructions located in this document will guide you in configuring your system to use industry-standard authentication services to access the network.

After your computer system is set up to use the authentication services, Windows 7 will retain your UNO Account credentials and your system will automatically reconnect to the network every time you plug into the network and power up your computer.

This will remain in effect as long as your UNO account is active or until your password changes, at which time you will have to login with the new password.

IMPORTANT CONSIDERATION:

Since your computer will connect using your UNO account credentials, on campus only, anyone borrowing your system will be identified as you.

Please note that you are responsible for following all University policies regarding the use of:

- Your personal UNO accounts,
- The UNO network,
- Internet usage, and
- Any other University computer systems that your UNO account may have access to on the campus network.

Please consider carefully as you are responsible for all actions taken by your personal login account.

1. Click Start and select Control Panel. Choose Classic View on the left side panel.



2. Inside of Control Panel, double click on Administrative Tools.

Control Par	nel 🕨	▼ ∮ ∳	Search
	Name	Ca	tegory
Control Panel Home	🕼 Add Hardware	Ha	rdware and Sound
Classic View	Administrative Tools	Sys	tem and Maintenance
	🛃 AutoPlay	Ha	rdware and Sound
	🐌 Backup and Restore Center	Sys	tem and Maintenance
	📮 Color Management	Ha	rdware and Sound
	\mu Date and Time	Clo	ock, Language, and Region
	🗑 Default Programs	Pro	ograms
	🛃 Device Manager	Ha	rdware and Sound; System and Maintena
	Ease of Access Center	Eas	e of Access; Appearance and Personaliza
	Folder Options	Ap	pearance and Personalization
	🛺 Fonts	Ap	pearance and Personalization
	🖓 Game Controllers	Ha	rdware and Sound
	log Indexing Options	Sys	tem and Maintenance
	😥 Internet Options	Ne	twork and Internet; Security
	🍓 iSCSI Initiator	Sys	tem and Maintenance
	📖 Keyboard	Ha	rdware and Sound
	🕖 Mail	Use	er Accounts
	C Mouse	Ha	rdware and Sound
	Network and Sharing Center	Ne	twork and Internet
	P Offline Files	Ne	twork and Internet
	Pen and Input Devices	Ha	rdware and Sound
	🧈 People Near Me	Ne	twork and Internet
	Performance Information and Tools	Sys	tem and Maintenance
	Personalization	Ap	pearance and Personalization; Hardware
	Phone and Modem Options	Ha	rdware and Sound
	Dower Ontions	Ha	rdware and Sound [,] System and Maintena



3. Double click Services.

	Panel + Administrative Tools		• •	Search	- = .
Organize ▼ III View	vs 🔻 🔮 Burn	_			0
Favorite Links Documents For Documents Music Recently Changed Searches Public	Name Computer Management Data Sources (ODBC) Event Viewer SicSI Initiator Cocal Security Policy Memory Diagnostics T Print Management Services Systam Configuration Surtans Configuration Windows Firewall with	Date modified 11/2/2006 6:54 AM 11/2/2006 6:53 AM 11/2/2006 6:54 AM 11/2/2006 6:54 AM 11/2/2006 6:53 AM 11/2/2006 6:53 AM 11/2/2006 6:53 AM 11/2/2006 6:53 AM 11/2/2006 6:53 AM	Type Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut Shortcut	Size 2 KB 2 KB 2 KB 2 KB 2 KB 2 KB 2 KB 2 KB	
Folders					



4. The Services window will appear. Scroll down the list until you find the **Wired AutoConfig** entry and double click it.

ile <u>Action</u> <u>View</u>	Help					
• • 🗊 🖬 🧕	3 🔒 🛛 🗊 🕨 🔳 💷 🕨					
Services (Local)	Services (Local)					
	Wired AutoConfig	Name	Description	Status	Startup Type	Log On As
	Start the service	Windows Driver F Windows Error Re	Manages us Allows error This service	Started Started	Automatic Automatic Manual	Local Syste Local Syste Network S
	Description: This service performs IEEE 802.1X authentication on Ethernet interfaces	Windows Event Log Windows Firewall Windows Image A Windows Image A	This service Windows Fi Provides im	Started Started	Automatic Automatic Automatic Manual	Local Service Local Service Local Service
		Windows Manage Windows Media P Windows Media P Windows Module	Provides a c Shares Win Enables inst	Started	Automatic Manual Manual	Local Syste Network S Local Syste
		Windows Presenta Windows Remote Windows Search Windows Time	Optimizes p Windows R Provides co Maintains d	Started Started	Manual Manual Automatic Automatic	Local Servic Network S Local Syste. Local Servic
		Windows Update WinHTTP Web Pr	Enables the WinHTTP i	Started	Automatic (D Manual	Local Syste. Local Servic
		WLAN AutoConfig WMI Performance	This service Provides pe Creates and	Started	Manual Manual Automatic	Local Syste. Local Syste. Local Servic
		•		m		1



- 5. The Wired AutoConfig Properties window will appear. In the Startup type pull down menu, make sure that it is set to **Automatic.**
- 6. Under **Service status,** click **Start**. Then, click **OK**. Close the Services Window. Click the **Back** button to get to the main Control Panel.

General	Log On	Recovery	Depende	ncies		
Service	name:	dot3svc				
Display	name:	Wired Auto	Config			
Descrip	tion:	This servic on Etheme	e performs t interface	IEEE 802.1X s	authentication	*
Pat <u>h</u> to C:\Win	executabl dows\syste	e: em32\svcho	st.exe + l	ocalSystemNe	twork Restricted	
Startup	typ <u>e</u> :	Manual				-
Help me	e configure	Automatic Automatic Manual	(Delayed	Slarl)		
Service	status:	Disabled				
9	<u>S</u> tart	Stop		Pause	<u>R</u> esume	
You can from he	n specify tl re.	ne start para	meters tha	t apply when y	ou start the servi	ice
Juan pa	a <u>m</u> ereis.					



- 7. In Control Panel, double click Network and Sharing Center.
- 8. Click Manage Network Connections on the left menu.

			- • •
G 🖉 🗣 k Control Panel 🕨	Network and Sharing Center	✓ 49 Search	h P
Tasks View computers and devices	Network and Sharing Co	enter	•
Connect to a network			View full map
Set up a connection or network			— 🎱 📗
Diagnose and repair	JDSHAW-PC (This computer)	uno.edu	Internet
	uno.edu (Private network)		Customize
	Access	Local and Internet	
1	Connection	Local Area Connection	View status
	3 Sharing and Discovery		E
	Network discovery	On On	\odot
1111 1	File sharing	• On	\odot
882 197	Public folder sharing	Off	•
	Printer sharing	© Off	\odot
	Password protected sharing	On On	\odot
See also	Media sharing	© Off	\odot
Internet Options	Show me all the files and folde	rs I am sharing	
Windows Firewall	Show me all the shared netwo	rk folders on this computer	-

9. The Network Connections window will appear. Right Click the Local Area Connection icon and then click **Properties**.





10. The Local Area Connection Properties window will appear. Click on **Internet Protocol Version 4 (TCP/IPv4)** and then click the **Properties** button.

	tication	
Connect using:		
Intel(R) PRO	/1000 MT Network Conne	ection
5 5		Configure
This connection us	es the following items:	
Client for N	Microsoft Networks	
🗆 🛃 Qo S Pack	et Scheduler	
🗌 🔡 File and Pi	rinter Sharing for Microsoft	Networks
🗌 📥 Internet Pr	rotocol Version 6 (TCP/IPv	/6)
Internet Pr	otocol Version 4 (TCP/IPv	(4)
🗹 🔺 Link-Layer	Topology Discovery Map	per I/O Driver
E - Unk-Layer	Topology Discovery Resp	Jonder
(F
Install	Uninstall	Properties
Description		
T	ntrol Protocol/Internet Prot	ocol. The default
Transmission Col		ommunication
wide area netwo	rk protocol that provides c	ommunication
wide area netwo across diverse in	rk protocol that provides c terconnected networks.	ommanication

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11. The Internet Protocol Version 4 (TCP/IPv4) Properties window will appear. Make sure that the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** buttons or both checked. Click **OK** to close this window.

eneral	Alternate Configuration					
You car this cap for the	n get IP settings assigned a bability. Otherwise, you nee appropriate IP settings.	automatically ed to ask you	if yo ir ne	our n etwor	etwork k admir	supports iistrator
0	btain an IP address automa	itically				
- O U	e the following IP address:	-				
IP at	ddress:	14		Sk -	- 32 -	
S <u>u</u> br	net mask:			÷	÷	
Defa	ult gateway:	1.3				
0	<u>b</u> tain DNS server address a	utomatically				
O U	se the following DNS server	addresses:				
Pref	erred DNS server:				×.	
Alter	rate DNS server:	14		8	- 12 1	
					Adv	anced



- 12. In the Local Area Connection Properties window click on the Authentication tab.
- 13. Make sure the Enable IEEE 802.1x authentication box is checked.
- 14. Choose Protected EAP (PEAP) from the authentication methods pull down menu
- 15. Make sure the **Cache user information for subsequent connections to this network** box is checked. Click the **Settings** button.

etworking Authentication		
Select this option to provide this Ethemet adapter.	authenticated	network access for
Choose a network authentic	ation <u>m</u> ethod:	Settings
I FIOLECIEU EAF IFEAF)		
Cache user information for to this network		connectons
Cache user information for to this retwork	 or subsequent	connectons
Cache user information for to this retwork	 or subsequent	connectons
✓ <u>Cache user information for to this network</u>	pr subsequent	connectons



- 16. The Protected EAP Properties window will appear. Check the **Validate server certificate** box.
- 17. In the **Select Authentication Method** pull down menu choose **Secured password (EAP-MSCHAP v2)**. Then, click **Configure**.

otected EAF	Properties		e
Vhen connec	ing:		
Validate	server certificate		
-			
Connec	t to these servers:		
Trusted <u>R</u> o	ot Certification Authorities:		
Class 3	Public Primary Certification Aut	hority	*
Equifax	Secure Certificate Authority		- 52
Equifax	Secure Global eBusiness CA-1		=
GTE Cy	perTrust Global Root		
Microso	ft Root Authority		
Microso	ft Root Certificate Authority		
Secure	Server Certification Authority		-
1	III	-	•
elect Auther	tion authorities.	ervers or tru	isted
Secured pas	word (EAP-MSCHAP v2)	•	Configure
Enable Fa	st Reconnect		
Enable Ou	arantine checks		
Disconneo	t if server does not present cry	/ptobindina T	LV
		•	
		ОК	Cancel

UCC Help Desk helpdesk@uno.edu ©2014 University of New Orleans University Computing & Communications Page 10 of 13 Rev. Feb. 21, 14



 The EAP MSCHAPv2 Properties window will appear. Make sure the Automatically use my Windows logon name and password (and domain if any) box is NOT checked. Click OK.

EAP MSCHAPv2	Properties	5	×
When connecting] :		
□ <u>A</u> utomatica password (a	lly use my and domair	Windows logon r n if any).	name and
	ок	Cancel	

19. Click **OK** to close the Protected EAP Properties window and click **close** to close the Local Area Connection Properties window. You should see the bubble on your desktop requesting more information to connect to this network.



20. Click on the bubble and the Enter Credentials window will appear. Enter your UNO user name and password. The Logon domain is **UNODOMAIN**. Click **OK**.

nter Credential	5		
<u>U</u> ser name:	ļ		
Password:			
Logon domain:			
Save this us	er name and passv	vord for future use	
	OK	Cancel	

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21. A Validate Server Certificate window will appear. Click **OK**. You should be connected in a few seconds.

The Root Certific Trust Network	cation Authority for the server's certificate is: VeriSign	*
this message ag	ain. Click CANCEL to drop connection.	
		+
	View Server Certific	ate

****IMPORTANT NOTE****

Microsoft Vista has a tendency to not reauthenticate automatically once the PC has been rebooted. To solve this problem you can:

- Disable and then reenable the Local Area Connection within the task bar after the PC has booted fully or
- Unplug the network cable (from the wall outlet or your PC) and plug it back in after the PC has booted fully.

If you encounter any trouble, feel free to contact the Help Desk at (504) 280-4357 or by email at <u>helpdesk@uno.edu</u>. You may also stop by the Help Desk, located in the UCC Room 101.



: ResNet Copyright Infringement Policy :.

In accordance with federal legislation, specifically the Digital Millennium Copyright Act of 1998, ResNet Internet Service will undertake very specific action when formal notifications of copyright infringement by ResNet users have been received from copyright holders or their representatives. The ResNet Support Group will certify that positive contact with the user has taken place and that the user has either ceased the infringing activity or that ResNet Support has taken action on its own with the result of ceasing the infringing activity when the activity originates from within the ResNet network.

In response to this legislation, the ResNet Support Group has developed the following procedures. Compliance with applicable law is the ultimate goal. Much of the activity occurring in violation of copyright laws is the result of peertopeer file sharing software usage by users who are, as often as not, unaware that certain uses of this software violates copyright laws. Consequently, user education is a necessary component of required compliance efforts. ResNet staff will maintain sufficiently detailed records reflecting infringement notices received and responses thereto. The following are the procedural steps to be taken in response to formal notifications of copyright infringement:

University Computing & Communications receives notice that a user may be violating copyright laws.

- Upon determination that the user is connected to ResNet based on the IP address given in the complaint, the complaint is routed to the ResNet Support Group.
- ResNet staff will search records and determine the identity of the user.
- ResNet staff will search records to determine whether the user is a repeat offender. If it is clear that the user is a repeat offender, the complaint will be handled as described under "Repeat Offenders" below. If this complaint is a first offense, the "First Offense" procedure will be followed.

First Offense

- ResNet Support will immediately suspend network service.
- ResNet Support issues an email notice to the user explaining the reason for suspension. The infringement notice will be included as an enclosure to the email notice.
- ResNet Support will reactivate service after contacting the ResNet user.

Repeat Offenders

- ResNet Support will immediately terminate network service.
- ResNet Support will send an email notice to the user explaining that a second or subsequent complaint of infringing activity has been received and that the user's network service has been terminated.
- ResNet Support will notify the University Office of Judicial & Student Assistance that a second offence has occurred and will forward all pertinent information for review.

Failure to adhere to UNO Acceptable Use Policies may result in loss of privileges as well as disciplinary or legal action.