

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 🕨	 ✓ ✓
Control Panel Home	Name	Category
	🕼 Add Hardware	Hardware and Sound
Classic View	Administrative Tools	System and Maintenance
	AutoPlay	Hardware and Sound
	We Backup and Restore Center	System and Maintenance
	Color Management	Hardware and Sound
	Date and Time	Clock, Language, and Region
	😿 Default Programs	Programs
	🛃 Device Manager	Hardware and Sound; System and Maintenan
	Ease of Access Center	Ease of Access; Appearance and Personalizati
	Folder Options	Appearance and Personalization
	💦 Fonts	Appearance and Personalization
	🖓 Game Controllers	Hardware and Sound
	And	System and Maintenance
	💮 Internet Options	Network and Internet; Security
	😪 iSCSI Initiator	System and Maintenance
	Explored Keyboard	Hardware and Sound
	🥥 Mail	User Accounts
	3 Mouse	Hardware and Sound
	💱 Network and Sharing Center	Network and Internet
	P Offline Files	Network and Internet
	Pen and Input Devices	Hardware and Sound
	💤 People Near Me	Network and Internet
	Performance Information and Tools	System and Maintenance
	Personalization	Appearance and Personalization; Hardware a
	Phone and Modem Options	Hardware and Sound
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3. Double click Services.

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orite Links	Name	Date modified	Туре	Size	
Documents	🛃 Computer Management	11/2/2006 6:54 AM	Shortcut	2 KB	
	Data Sources (ODBC)	11/2/2006 6:53 AM	Shortcut	2 KB	
Pictures	Event Viewer	11/2/2006 6:54 AM	Shortcut	2 KB	
Music	🔝 iSCSI Initiator	11/2/2006 6:54 AM	Shortcut	2 KB	
Recently Changed	🛃 Local Security Policy	11/2/2006 6:56 AM	Shortcut	2 KB	
Searches	Memory Diagnostics T	11/2/2006 6:53 AM	Shortcut	2 KB	
Public	🔐 Print Management	11/2/2006 6:55 AM	Shortcut	2 KB	
	Reliability and Perform	11/2/2006 6:53 AM	Shortcut	2 KB	
	Services	11/2/2006 6:53 AM	Shortcut	2 KB	
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4. The Services window will appear. Scroll down the list until you find the **Wired AutoConfig** entry and double click it.

Eile Action Viev	v <u>H</u> elp Q =>					
Services (Local)	Services (Local)			_		
	Wired AutoConfig	Name	Description	Status	Startup Type	Log On As
	Start the service	Windows Driver F Windows Error Re Windows Event C			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 Installer	Windows Fi	Started Started	Automatic Automatic Automatic Manual	Local Service Local Service Local Service Local Syste
		Windows Manage Windows Media P Windows Module Windows Presenta	Shares Win Enables inst Optimizes p	Started	Automatic Manual Manual Manual	Local Syste Network S Local Syste Local Service
		Windows Remote Windows Search Windows Time Windows Update WinHTTP Web Pr	Provides co Maintains d Enables the	Started Started Started	Manual Automatic Automatic Automatic (D Manual	Network S Local Syste Local Service Local Syste Local Service
		Wired AutoConfig	This service This service Provides pe		Manual Manual Manual	Local Syste Local Syste Local Syste
		Workstation	Creates and	Started	Automatic	Local Service



- 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	encies		
Service	name:	dot3svc				
Display	<u>n</u> ame:	Wired Auto	Config			
Descrip	tion:	This servic on Etheme		s IEEE 802.1X s	authentication	*
1.200 7.200	executabl dows\syste		st.exe +k l	_ocalSystemNe	twork Restricted	
Startup	typ <u>e</u> :	Manual				-
Help me	e configure	Automatic Automatic Manual	(Delayed	Start)		
Service	status:	Disabled				
5	<u>S</u> tart	Stop		<u>P</u> ause	<u>R</u> esume	
from he	re.	ne start para	meters tha	at apply when y	ou start the servi	ice
stan pa	ara <u>m</u> eters:					



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

🚱 🔵 🛡 😫 🕨 Control Panel 🕨	Network and Sharing Center		Search	م
Tasks View computers and devices	Network and Sharing Co	enter		•
Connect to a network				View full map
Set up a connection or network Manage network connections		💐		. 🥥 👘
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	o On		\odot
1111 1	File sharing	● On		\odot
	Public folder sharing	© Off		\odot
	Printer sharing	© Off		\odot
	Password protected sharing	• On		
See also	Media sharing	Off		
Internet Options				
Windows Firewall	Show me all the files and folde Show me all the shared netwo	A TRANSPORT OF THE PARTY OF THE		-

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.

etworking	Authenticatio	n	
Connect usir	g:		
Intel(F) PRO/1000) MT Network Conne	ection
			Configure
This c <u>o</u> nnec	ion uses the	following items:	
100 March 100 Ma		oft Networks	
	Packet Sch		
		Sharing for Microsoft	
Contraction of the second s		I Version 6 (TCP/IPv	
		I Version 4 (TCP/IPv	
		logy Discovery Map logy Discovery Resp	
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Description Transmiss wide area	on Control P network prot		ocol. The default

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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				
this cap	n get IP settings assigned a bability. Otherwise, you new appropriate IP settings.				
<u>o</u>	otain an IP address automa	atically			
- O U <u>s</u>	e the following IP address	-			
IP ad	ddress:	54	- 52	- G.	
S <u>u</u> br	net mask:		4	+	
<u>D</u> efa	ult gateway:	1			1
0	<u>p</u> tain DNS server address a	utomatically			
O Us	e the following DNS server	addresses:			
Pref	erred DNS server:	(a. 1		÷	
<u>A</u> lter	nate DNS server:	54	- 52	- 32 	1
				Ad <u>v</u> a	næd
		-			



- 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.

Networking Authentication		
Select this option to provide this Ethernet adapter.	nentication	
Choose a network authentic Protected EAP (PEAP)		<u>S</u> ettings
☑ <u>C</u> ache user information for to this network	or subsequen	t connectons
Cache user information for to this retwork	or subsequen	t 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 EAP	Properties				e
When connec	ing:				
Validate	server certif	icate			
Connec	t to these se	rvers:			
Trusted <u>R</u> o	ot Certificatio	on Authorities	s:		
Class 3	Public Primar	y Certificatio	n Authority		*
Equifax	Secure Cert	ificate Author	rity		- 52
Equifax	Secure Glob	al eBusiness (CA-1		=
GTE Cy	perTrust Glob	oal Root			1.1
Microso	ft Root Auth	ority			
Microso	ft Root Certi	ficate Author	ity		
Secure	Server Certif	fication Autho	prity		-
1	-	III		110	+
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Secured pas	word (EAP-N	ISCHAP v2)		- <u>C</u>	onfigure
Enable Fa	st Reconnect	ł			
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			nt cryptobindir	na TLV	
			1999 P. 1999 P. 1999	and the set	
			OK		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 MSCHAF	v2 Propertie	s	×
When conne	cting:		
F Automa	atically use my ord (and domai	Windows logon n n if any).	ame and
F			1
	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**.

	s	
User name:	1	
Password:		
Logon domain:	-	

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

Trust Network	ication Authority for the server's certificate is: VeriSign	*
	rect certificate, dick OK to connect and you will not see gain. Click CANCEL to drop connection.	
		-
	View Server Certifica	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.