WIRED NETWORK CONFIGURATION AND TROUBLESHOOTING

Step 1: Checking the Cable

Your computer should be connected by a network interface card to the wall socket by a length of wire. This wire looks similar to a phone line, but the connections at each end are too wide to fit in a normal phone plug. Please ensure that this cable is present and secure on both ends. To do so, remove the cable and plug it back in. It should snap into place.

Once you have connected the wire, launch your web browser. You should be directed to the Hallnet login page.

If not, proceed to the next step.

Step 2: Bring up the System Preferences

On the Dock at the bottom of the screen, select System Preferences.



Step 3: Bring up Network Preferences

Once System Preferences is open, click on the Network icon.



Step 4: Using DHCP

Select **Ethernet** in the left window . In the **Configure** drop-down menu, select **Using DHCP**. Try to access the internet. Your web browser should redirect you to the Hallnet login website.

Ethernet Connected AirPort Connected	Status:	Connected Ethernet is currently active and has the IP address 168.18.160.58.
Bluetooth	Configure	✓ Using DHCP
FireWire Not Connected	P Address Subnet Mask	Using DHCP with manual address Using BootP Manually
	Router	Off
	DNS Server	Create PPPoE Service
	Search Domains:	valdosta.edu

Step 5: Advanced Options

Click the **Advanced** button.

Show All	Network	٩
	Location: Automatic	•
Ethernet Connected Bluetooth Not Connected	Status:	Connected Ethernet is currently active and has the IP address 168.18.160.58.
FireWire Not Connected	Configure:	Using DHCP
e AirPort off	IP Address: Subnet Mask:	168.18.160.58 255.255.252.0
	Router:	168.18.160.1
	DNS Server:	168.18.130.100, 168.18.130.200, 19
	Search Domains:	valdosta.edu
+ - •·		Advanced?

Step 6: DHCP Release

Click the **Renew DHCP Lease** button. If the IP Address is correct, try to access the internet. Your web browser should redirect you to the Hallnet login website.

0	Network		
Show All			9
Ethernet			
TCP/IP D	NS WINS AppleTa	lk 802.1X Pro	xies Ethernet
Configure IPv4:	Using DHCP	•	
IPv4 Address:	168.18.160.58	(Renew DHCP Lease
Subnet Mask:	255.255.252.0	DHCP Client ID:	
Router:	168.18.160.1	- 101 (101 (101 (1	(If required)
Configure IPv6:	Automatically	•	
Router:			
IPv6 Address:			
Prefix Length:			
			Cancel OK
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If you have problems when trying these instructions, or if you have other question concerning the wired network, please contact the Information Technology Helpdesk at 229-245-4357 or send an e-mail to <u>helpdesk@valdosta.edu</u>.