ASUS WL-330gE Setup for Linksys Router in Bryan 316

- See <u>\\fs1.seas.wustl.edu\rem\Home\ESE497_UGradResearch\sbRIO</u> <u>Robot\RobotIPsInBryan316.xlsx</u> for list of IPs and MAC addresses of Robots and WAP and Ethernet to Wireless Adapters. We are using reserved DHCP so you can set the Robots to DHCP.
- Power on the robots with Dip Switch 3 (IP reset) in the down position and refresh the screen in MAX. This will configure the computer for DHCP. It should pull the IP listed in the table above.

Router Configuration • IP: 172.16.19.61

- No Username •
- Password: Ed's

Attp://172.16.19.61/		
	uluiu cisco.	Firmware Version: 2 0 05
		Linksys E1200 E1200
	Setup	Wireless Sourchy Access Applications & Administration Status
		Setup Inclusion Sciency Policy Gaming Automatication Status
	Language Select your language	English 🔻 Help
	Internet Setup	
	Internet Connection Type	Bridge Mode 💌
	Network Setup	
	Router Address	Automatically obtain an IP address
		IP Address: 172 , 16 , 19 , 61
		Default Gateway: 172 , 16 , 19 , 62
		Router Name : Cisco30361
	Time Settings	
	Time Zone	(GMT-06:00) Central Time (USA & Canada)
		Automatically adjust Cock for using a way changes.
	Reboot	Reboot
		Cause Continue Concel Changes

• Setup Page



• Wireless

C S Attp://cisco30	0361/Wireless_MAC.asp		.Ω - C × 👹 Dir	Ø W. × L E12	8 set 🧕 Out	🐔 Do 🕌 BCI	. 🧐 Use 👹 Dir	ि ☆ 🕸 🛛
	uluilu cisco				Firm	ware Version: 2.0.05		
					Linksys E120) E1200		1
	Wireless	Setup Wireless	Security Acce	ess Applications &	Administration	Status		
			Wireless Security	Guest Access	Wireless MAC Filter			
	Wireless MAC Filter	Enabled Disabled			Heln			
		-						
		 Prevent PCs listed below Permit PCs listed below to 	from accessing the wirele access the wireless netv	ss network. vork.				
	MAC Address Filter List	Wirelass Client List						
		MAC 01: E0:CB:4E:5D:E2:10	MAC 17: 00:00:00:00	:00:00				
		MAC 02: F4:6D:04:94:EB:22	MAC 18: 00:00:00:00	:00:00				
		MAC 03: E0:CB:4E:5D:E6:EA	MAC 19: 00:00:00:00	:00:00				
		MAC 04: E0:CB:4E:5D:E2:EB	MAC 20: 00:00:00:00	:00:00				
		MAC 05: F4:6D:04:94:EB:16	MAC 21: 00:00:00:00	:00:00				
		MAC 06: E0:CB:4E:1B:95:1A	MAC 22: 00:00:00	:00:00				
		MAC 07: 00:00:00:00:00:00	MAC 23: 00:00:00:00	:00:00				
		MAC 08: 00:00:00:00:00	MAC 24: 00:00:00:00	:00:00				
		MAC 09: 00:00:00:00:00	MAC 25: 00:00:00	:00:00				
		MAC 10: 00:00:00:00:00:00	MAC 26: 00:00:00:00	:00:00				
		MAC 11: 00:00:00:00:00:00	MAC 27: 00:00:00:00	:00:00				
		MAC 12: 00:00:00:00:00:00	MAC 28: 00:00:00:00	:00:00				
		MAC 13: 00:00:00:00:00:00	MAC 29: 00:00:00:00	:00:00				(
		MAC 14: 00:00:00:00:00:00	MAC 30: 00:00:00:00	:00:00				
		MAC 15: 00:00:00:00:00:00	MAC 31: 00:00:00:00	:00:00				
		MAC 16: 00:00:00:00:00:00	MAC 32: 00:00:00:00	:00:00				
			Save Settings	Cancel Change	s			
F								
	The Bryan316&306-Host on vlan 979.xlsx o	download has completed.		<u>O</u> per	n 🔻 Ogen folde	er ∐iew downl	oads ×	-

- Wireless/Wireless MAC Filter
- You must reboot and wait for refresh led on router to stop blinking for changes to take effect

Configuration Instructions for Ethernet to Wireless Adapters

- 1. To connect to the adapter set the IP on a computer to static 192.168.1.221 and plug the adapter into the computer
- 2. Reset device by holding the reset button for 10 seconds. Then turn off for 10 seconds and plug Ethernet cable into PC (set up for staDHCP) and turn on.

C WL-330gE - Windows Internet Explorer			E 8 🛛
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	Current Mode: Gateway Itanguager English Current Mode: Gateway Itanguager English		
	Gateway <u>AP</u> <u>Adapter</u> <u>Repeater</u>		
	User WL-330gE ADSL/Cable		
	About Gateway mode In this mode, we sumpse		
	In U us in Wei, Sho Be juoce yonned to fixformet through Hotspot, ADS, or Cable Modem, Meanmhile, people in your envormmet are able to share the same IP to ISP. NAT is enabled, WAN connection is allowed by using PPPed, or DHCP defr, or state. IP. In additors, some features which are useful for home user, such as UPOP and DDNs, are supported.		
Done		🖉 Internet	√2 - ₹100% -
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- Browse to 192.168.1.220
 - a. Username: admin
 - b. Password: admin

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<u>File Edit View Favorites Tools H</u> elp							1
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	WL-330gE		AP				
🗐 About Adapter mode	🛃 Quick Setup						
In this mode, WL-330gE	Available Network Lis	st.					
acts as a wireless	SSID	Channel	Authenti	cation Si	ignal	Status	
connecting to WLAN. Your	O GUESTWIFI-WUSTL	6		0(<u>1000</u>		
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4. Select Bryan316 and click on Connect. You will temporarily lose the connection to the ASUS at this point. The MAC addresses are in the QIP tables, so the IP will be automatically assigned according to the table above.