

Note: These instructions are provided for illustrative purposes, and do not represent an endorsement of the Linksys router over other competing products.

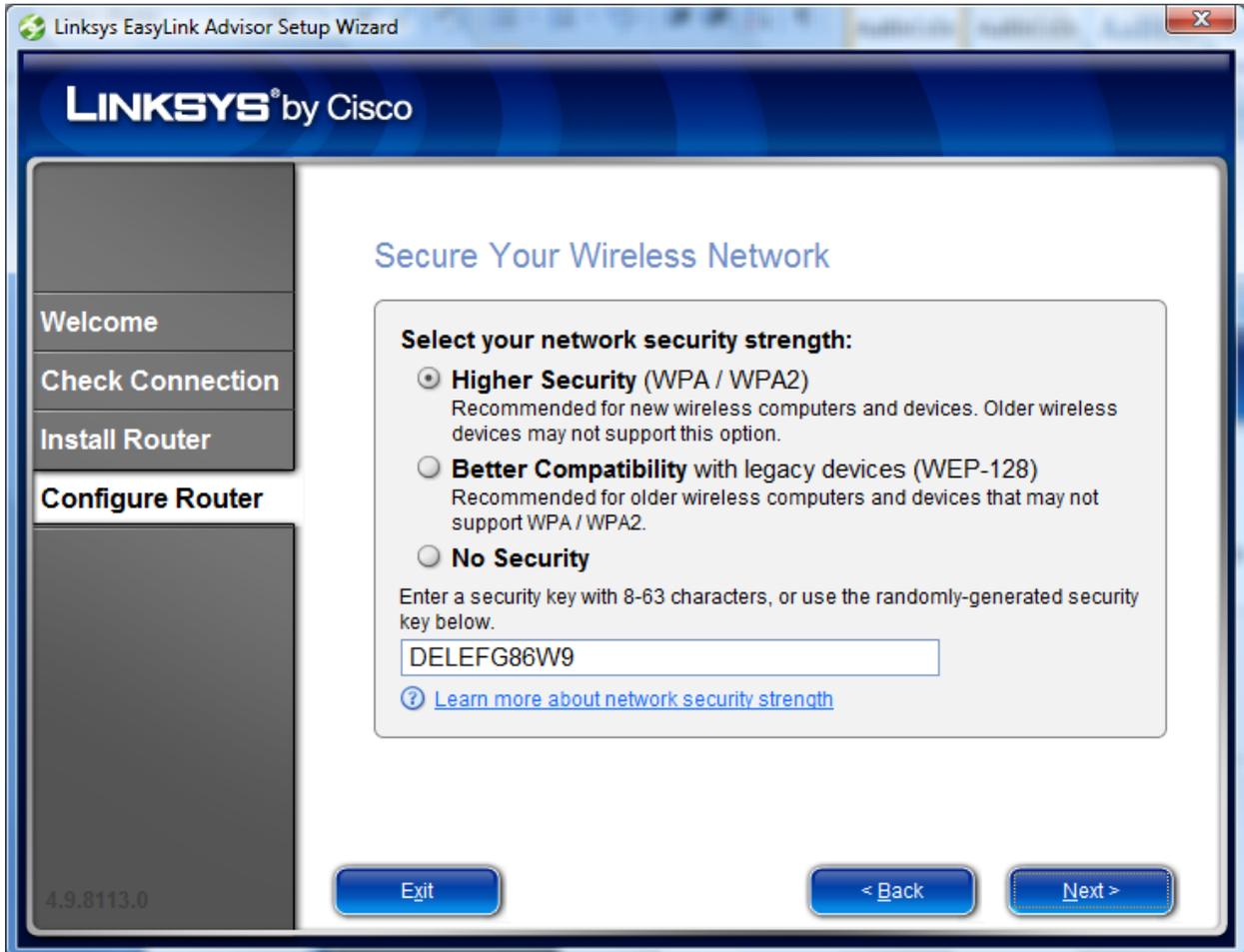
Following the provided quick start instructions, you will run the provided software and after a few preliminaries, you will be prompted to set the router password. The best are random alphanumeric strings of characters, but anything is better than the default password of admin, which any hacker would try first. If someone can guess your password, they can gain complete control of your router, and even lock you out of it! So, pick a strong password.



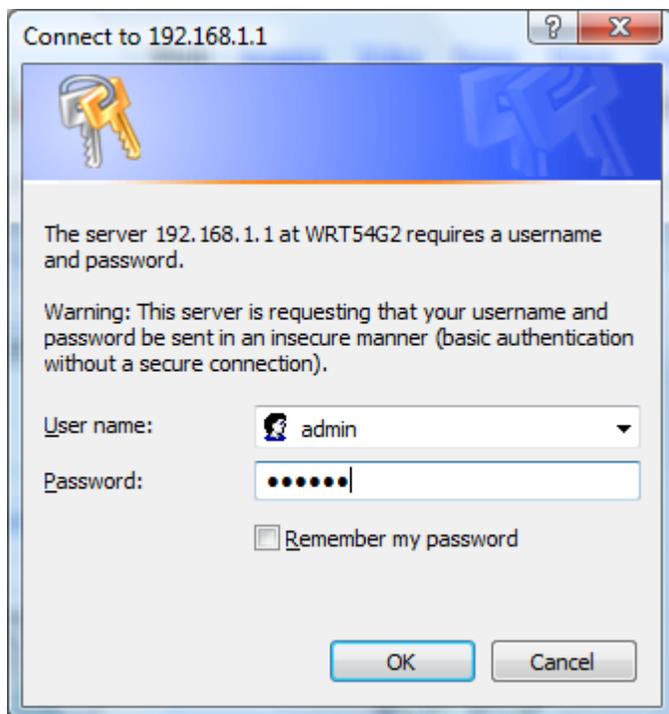
Here is where you set the SSID or basically the name of your wireless network. Changing it from the default will help you identify it.



WPA2 is the latest and greatest wireless security standard, and should work with all new equipment. If not, WPA is also an excellent choice. Failing that, WEP has some known security flaws, but it is still much better than having no security at all!



To enable a more advanced feature, you will need to point a web browser to <http://192.168.1.1> and login with the new password you set.



Once you have logged in, click on the **Wireless** menu heading.

The screenshot shows the Linksys WRT54G2 Basic Setup page in Internet Explorer. The browser address bar shows <http://192.168.1.1/>. The page header includes the Linksys logo, "A Division of Cisco Systems, Inc.", and "Firmware Version: 1.0.01". The main navigation bar is titled "Wireless-G Broadband Router WRT54G2" and includes tabs for "Setup", "Wireless", "Security", "Access Restrictions", "Applications & Gaming", "Administration", and "Status". The "Setup" tab is active, and the "Basic Setup" sub-tab is selected. The left sidebar contains "Internet Setup" and "Network Setup" sections. The main content area is titled "Automatic Configuration - DHCP" and contains the following fields and options:

- Internet Connection Type: Automatic Configuration - DHCP
- Router Name: WRT54G2
- Host Name: [Empty]
- Domain Name: [Empty]
- MTU: Manual
- Size: 1500
- Local IP Address: 192 . 168 . 1 . 1
- Subnet Mask: 255 . 255 . 255 . 0
- DHCP Server: Enable Disable
- Starting IP Address: 192.168.1.100
- Maximum Number of DHCP Users: 50
- Client Lease Time: 0 minutes (0 means one day)
- Static DNS 1: 0 . 0 . 0 . 0
- Static DNS 2: 0 . 0 . 0 . 0

Helpful information on the right side of the page includes:

- Automatic Configuration - DHCP:** This setting is most commonly used by Cable operators.
- Host Name:** Enter the host name provided by your ISP.
- Domain Name:** Enter the domain name provided by your ISP. [More...](#)
- Local IP Address:** This is the address of the router.
- Subnet Mask:** This is the subnet mask of the router.
- DHCP Server:** Allows the router to manage your IP addresses.
- Starting IP Address:** The address you would like to start with.
- Maximum number of DHCP Users:** The maximum number of DHCP users that can be assigned IP addresses.

The Windows taskbar at the bottom shows the system tray with the time 5:53 PM and various icons for network, computer, and basic setup.

Then click on the **Wireless MAC Address Filter** sub-heading.

The screenshot shows the Linksys WRT54G2 wireless settings page in Internet Explorer. The browser address bar shows <http://192.168.1.1/wireless.htm>. The page title is "Basic Wireless Settings - Internet Explorer provided by Dell". The Linksys logo is at the top left, and the firmware version is 1.0.01. The page is titled "Wireless-G Broadband Router WRT54G2". The navigation menu includes "Setup", "Wireless", "Security", "Access Restrictions", "Applications & Gaming", "Administration", and "Status". The "Wireless" menu is expanded, showing "Basic Wireless Settings", "Wireless Security", "Wireless MAC Filter", and "Advanced Wireless Settings". The "Wireless MAC Filter" sub-heading is selected. The main content area shows the "Wi-Fi Protected Setup" section. It has two radio buttons: "Manual" and "Wi-Fi Protected Setup", with "Wi-Fi Protected Setup" selected. Below this, there is a section for "Wi-Fi Protected Setup™" with instructions and a "Register" button. A status table is also visible.

LINKSYS®
A Division of Cisco Systems, Inc. Firmware Version: 1.0.01

Wireless-G Broadband Router WRT54G2

Wireless

Setup Wireless Security Wireless MAC Filter Advanced Wireless Settings

Wi-Fi Protected Setup

Wireless Configuration: Manual Wi-Fi Protected Setup

Wi-Fi Protected Setup™

Use one of the following for each Wi-Fi Protected Setup supported device:

1. If your client device has a Wi-Fi Protected Setup button, click or press that button, and then click the button on the right.

OR

2. If your client device has a Wi-Fi Protected Setup PIN number, enter that number here and then click .

OR

3. If your client asks for the Router's PIN number, enter this number **85422063** in your client device.

Wi-Fi Protected Setup Status: Configured

Network Name (SSID): HousingLive

Security: WPA2 Personal

Encryption: TKIP+AES

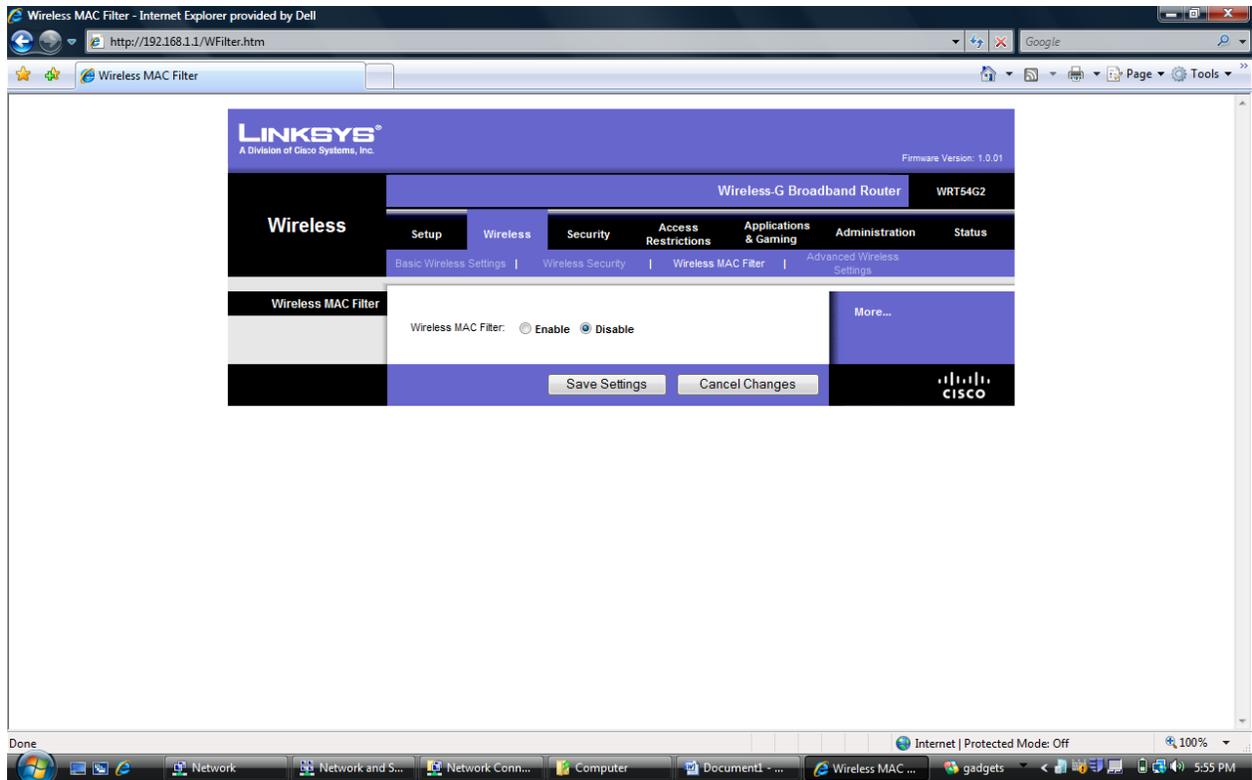
Passphrase: Samplekey

Wireless Network Mode: If you wish to exclude Wireless-G clients, choose B-Only Mode. If you would like to disable wireless access, choose Disable. [More...](#)

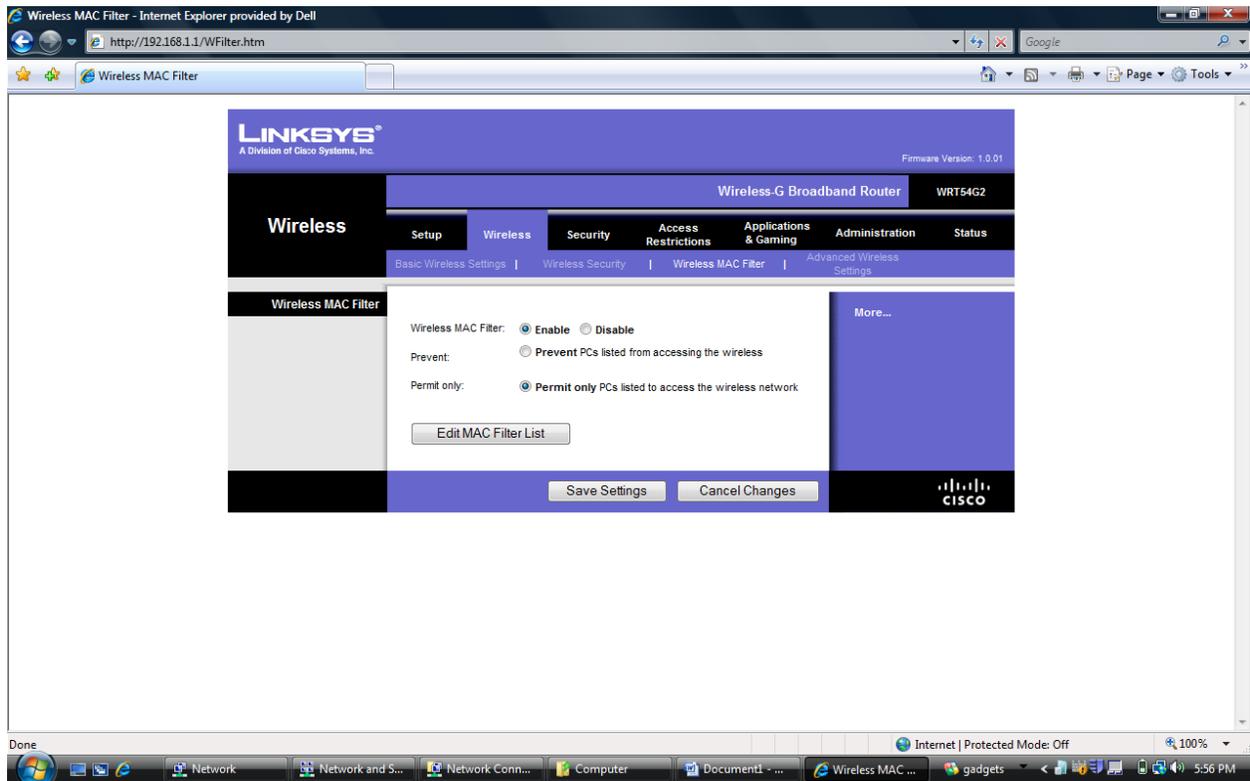
Internet | Protected Mode: Off 100%

http://192.168.1.1/WFilter.htm

Select **Enable**.



Select **Permit Only**, then click on the **Edit MAC Filter List**.



Add your wireless Ethernet card's MAC (also called hardware or physical) address here. Scroll down and click in the **Save Changes** button. You can now close the MAC Address Filter List window.

MAC Address Filter List - Internet Explorer provided by Dell

http://192.168.1.1/WMList.htm

MAC Address Filter List

Enter MAC Address in this format: xx:xx:xx:xx:xx:xx

Wireless Client MAC List

MAC 01:	<input type="text"/>	MAC 11:	<input type="text"/>
MAC 02:	<input type="text"/>	MAC 12:	<input type="text"/>
MAC 03:	<input type="text"/>	MAC 13:	<input type="text"/>
MAC 04:	<input type="text"/>	MAC 14:	<input type="text"/>
MAC 05:	<input type="text"/>	MAC 15:	<input type="text"/>
MAC 06:	<input type="text"/>	MAC 16:	<input type="text"/>
MAC 07:	<input type="text"/>	MAC 17:	<input type="text"/>
MAC 08:	<input type="text"/>	MAC 18:	<input type="text"/>
MAC 09:	<input type="text"/>	MAC 19:	<input type="text"/>
MAC 10:	<input type="text"/>	MAC 20:	<input type="text"/>
<hr/>			
MAC 21:	<input type="text"/>	MAC 31:	<input type="text"/>
MAC 22:	<input type="text"/>	MAC 32:	<input type="text"/>
.....	<input type="text"/>	<input type="text"/>

Internet | Protected Mode: Off 100%

Click on **Saves Settings**, and you are done!

