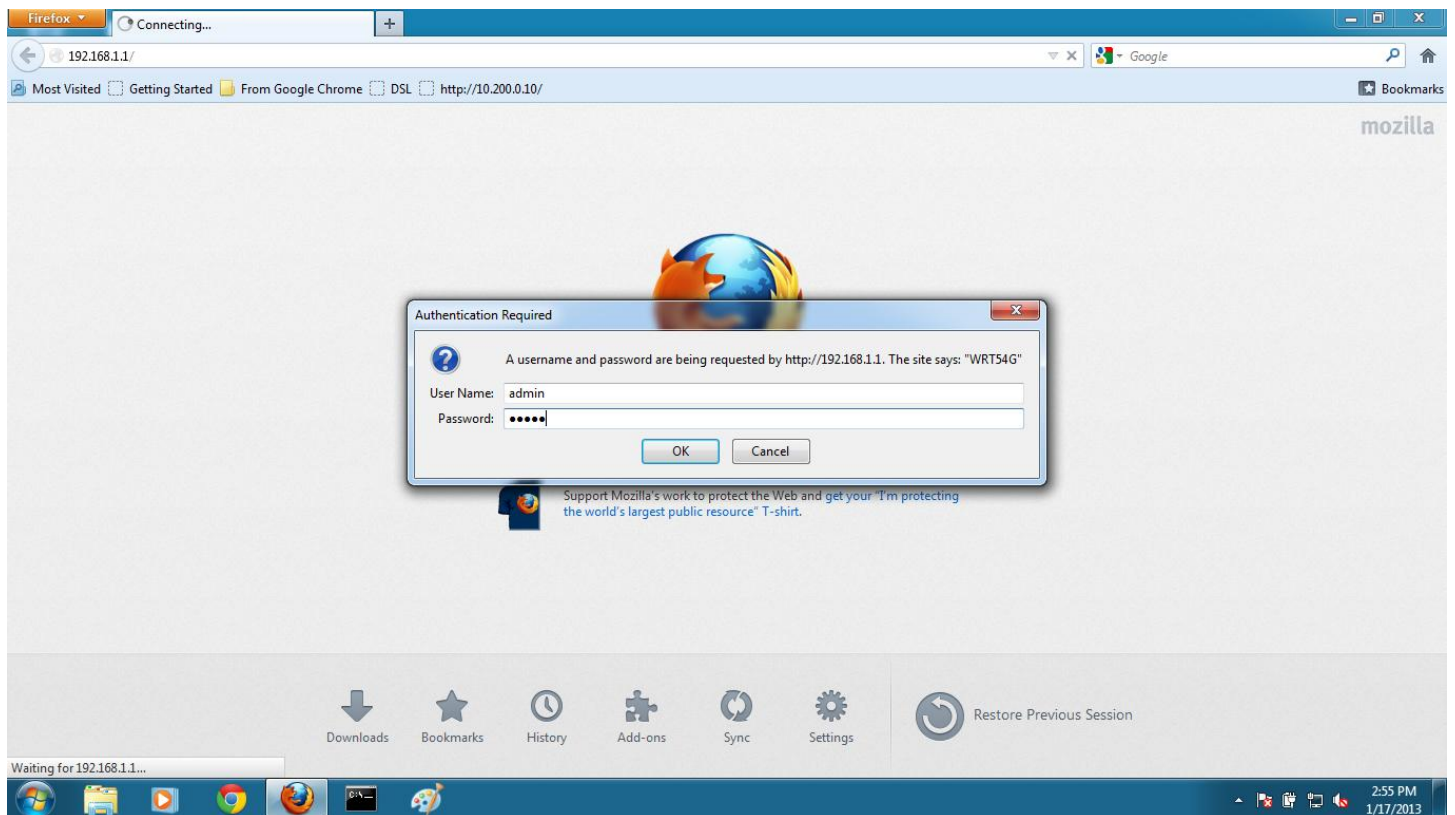


## Linksys and Cisco Routers



Please read the General Router Information document first.

Type 192.168.1.1 into a browser you will be prompted to log in the user name for this router is admin and the password is admin



You will see the 'Setup' page, click on the drop down box

The screenshot shows the Linksys Basic Setup page for a WRT54G router. The 'Internet Setup' section is active, and the 'Internet Connection Type' dropdown menu is open, showing 'Static IP' selected. A red arrow points to the dropdown menu. The page includes fields for Internet IP Address, Subnet Mask, Gateway, Static DNS, Router Name, Host Name, Domain Name, MTU, and Size. The 'Optional Settings' section is also visible.

Choose 'Automatic Configuration – DHCP'

The screenshot shows the Linksys Basic Setup page for a WRT54G router. The 'Internet Setup' section is active, and the 'Internet Connection Type' dropdown menu is open, showing 'Automatic Configuration - DHCP' selected. A red arrow points to the dropdown menu. The page includes fields for Local IP Address, Subnet Mask, DHCP Server, Starting IP Address, Maximum Number of DHCP Users, Client Lease Time, and Static DNS. The 'Network Address Server Settings (DHCP)' section is also visible.

Scroll to the bottom of the page, change the Time Zone

**Internet Setup**  
Internet Connection Type: Automatic Configuration - DHCP

**Optional Settings (required by some ISPs)**  
Router Name: WRT54G  
Host Name:  
Domain Name:  
MTU: Auto  
Size: 1500

**Network Setup**  
Router IP  
Local IP Address: 192 . 168 . 1 . 1  
Subnet Mask: 255 . 255 . 255 . 0

**Network Address Server Settings (DHCP)**  
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  
Static DNS 3: 0 . 0 . 0 . 0  
WINS: 0 . 0 . 0 . 0

**Time Setting**  
Time Zone: (GMT-08:00) Pacific Time (USA & Canada)  
 Automatically adjust clock for daylight saving changes

**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.  
**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:** You may limit the number of addresses your router hands out.  
**Time Setting:** Choose the time zone you are in. The router can also adjust automatically for daylight savings time.

Save Settings Cancel Changes

CISCO

Firefox Basic Setup

192.168.1.1/basic.htm

Static DNS 2: 76 . 164 . 167 . 232  
Static DNS 3: 0 . 0 . 0 . 0

Router Name: WRT54G  
Host Name:  
Domain Name: nehp.net

(GMT-12:00) Kwajalein  
(GMT-11:00) Midway Island,Samoa  
(GMT-10:00) Hawaii  
(GMT-09:00) Alaska  
(GMT-08:00) Pacific Time (USA & Canada)  
(GMT-07:00) Arizona  
(GMT-07:00) Mountain Time (USA & Canada)  
(GMT-06:00) Mexico  
(GMT-06:00) Central Time(USA & Canada)  
(GMT-05:00) Indiana East,Colombia,Panama  
(GMT-05:00) Eastern Time(USA & Canada)  
(GMT-04:00) Bolivia,Venezuela  
(GMT-04:00) Atlantic Time (Canada),Brazil West  
(GMT-03:30) Newfoundland  
(GMT-03:00) Guyana  
(GMT-03:00) Brazil East,Greenland  
(GMT-02:00) Mid-Atlantic  
(GMT-01:00) Azores  
(GMT) Cambia,Liberia,Morocco  
(GMT) England  
(GMT-08:00) Pacific Time (USA & Canada)

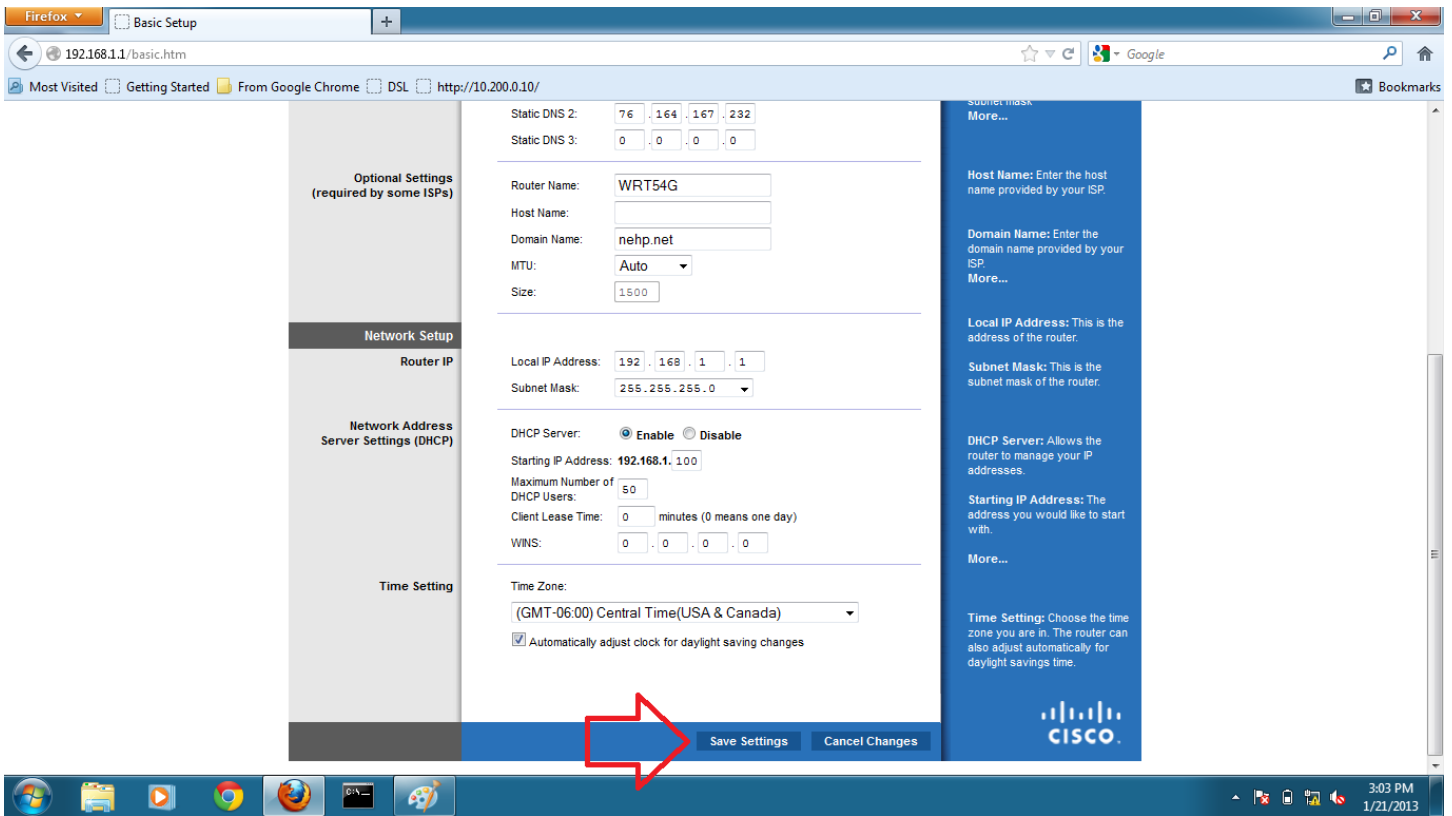
Automatically adjust clock for daylight saving changes

Save Settings Cancel Changes

CISCO

3:03 PM 1/21/2013

Then click the 'Save Settings' button



You done !

If you need to set up the wireless, proceed.

Next set up the wireless, by clicking on the 'Wireless' link

**LINKSYS** by Cisco Firmware Version: v8.00.8

**Wireless-G Broadband Router**    WRT54G

**Setup**

Setup    **Wireless**    Security    Access Restrictions    Applications & Gaming    Administration    Status

Basic Setup | DDNS | MAC Address Clone | Advanced Routing

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**Internet Setup**

Internet Connection Type: Automatic Configuration - DHCP

Optional Settings (required by some ISPs)

Router Name: WRT54G

Host Name:

Domain Name:

MTU: Auto

Size: 1500

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**Network Setup**

Router IP

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

Static DNS 3: 0 . 0 . 0 . 0

WINS: 0 . 0 . 0 . 0

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**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:** You may limit the number of addresses your router hands out.  
More...

Notice how the second row of links changes depending on which of the first row of links you are on.  
This is where you can change the SSID

**LINKSYS**® by Cisco Firmware Version: v8.00.8

**Wireless-G Broadband Router** WRT54G

**Wireless** | Setup | **Wireless** | Security | Access Restrictions | Applications & Gaming | Administration | Status

Basic Wireless Settings | Wireless Security | Wireless MAC Filter | Advanced Wireless Settings

**Wireless Network**

Wireless Network Mode:

Wireless Network Name (SSID):

Wireless Channel:

Wireless SSID Broadcast:  Enable  Disable

  
**Status: SES Inactive**

**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...](#)



Click on 'Wireless Security'

The screenshot shows the Linksys WRT54G router's configuration interface. The top navigation bar includes 'Setup', 'Wireless', 'Security', 'Access Restrictions', 'Applications & Gaming', 'Administration', and 'Status'. Under the 'Wireless' tab, 'Basic Wireless Settings' is selected, with a red arrow pointing to it. The 'Wireless Security' sub-tab is also visible. The main content area shows the following settings:

- Wireless Network Mode: Mixed
- Wireless Network Name (SSID): linksys
- Wireless Channel: 6 - 2.437GHz
- Wireless SSID Broadcast:  Enable  Disable

Below these settings is a green wireless icon with a padlock, labeled 'Status:SES Inactive', and a 'Reset Security' button. On the right side, there is a blue sidebar with the text: '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...'. At the bottom, there are 'Save Settings' and 'Cancel Changes' buttons.

Notice that the Security is 'Disabled'

This screenshot shows the 'Wireless Security' configuration page. The 'Security Mode' dropdown menu is set to 'Disabled', with a red arrow pointing to it. The right sidebar contains the following text: 'Security Mode: You may choose from Disable, WPA Personal, WPA Enterprise, WPA2 Personal, WPA2 Enterprise, RADIUS, WEP. All devices on your network must use the same security mode in order to communicate. More...'. The 'Save Settings' and 'Cancel Changes' buttons are at the bottom.

Click in the drop down box, remember in the notes always choose 'WPA2 Personal' whenever possible.

The screenshot shows the Linksys configuration interface for a Wireless-G Broadband Router (WRT54G). The 'Wireless Security' section is active. The 'Security Mode' dropdown menu is open, displaying the following options: Disabled, WPA Personal, WPA Enterprise, WPA2 Personal, WPA2 Enterprise, RADIUS, and WEP. A red arrow points to the 'WPA2 Personal' option. Below the dropdown menu are 'Save Settings' and 'Cancel Changes' buttons. A help box on the right explains the security modes.

**Security Mode:** You may choose from Disable, WPA Personal, WPA Enterprise, WPA2 Personal, WPA2 Enterprise, RADIUS, WEP. All devices on your network must use the same security mode in order to communicate. [More...](#)

Enter a PSK

The screenshot shows the Linksys configuration interface for a Wireless-G Broadband Router (WRT54G). The 'Wireless Security' section is active. The 'Security Mode' dropdown is set to 'WPA2 Personal'. The 'WPA Algorithms' dropdown is set to 'AES'. The 'WPA Shared Key' field is empty. The 'Group Key Renewal' is set to '3600 seconds'. Below the fields are 'Save Settings' and 'Cancel Changes' buttons. A help box on the right explains the security modes.

**Security Mode:** You may choose from Disable, WPA Personal, WPA Enterprise, WPA2 Personal, WPA2 Enterprise, RADIUS, WEP. All devices on your network must use the same security mode in order to communicate. [More...](#)

Click 'Save Settings'