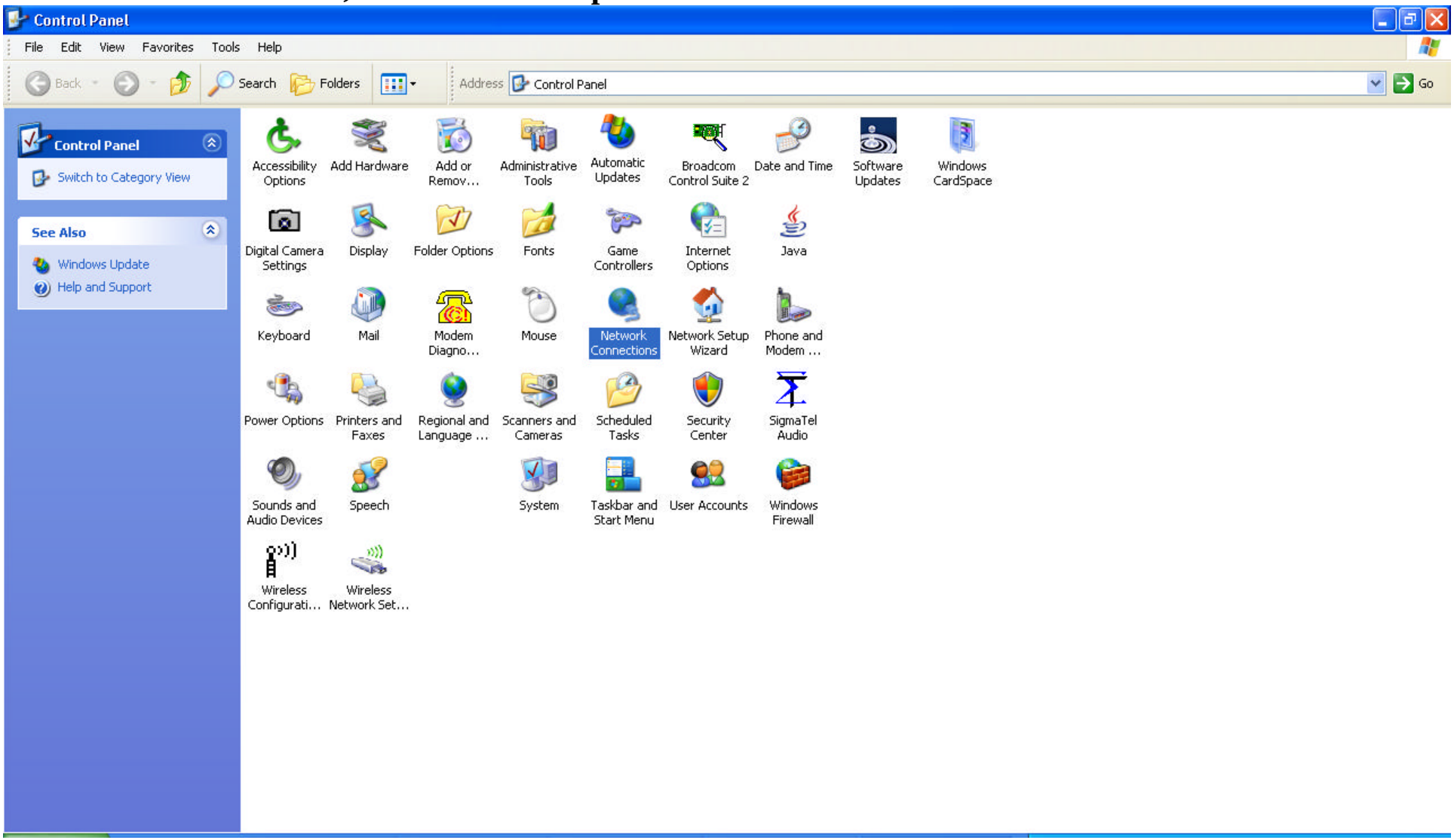
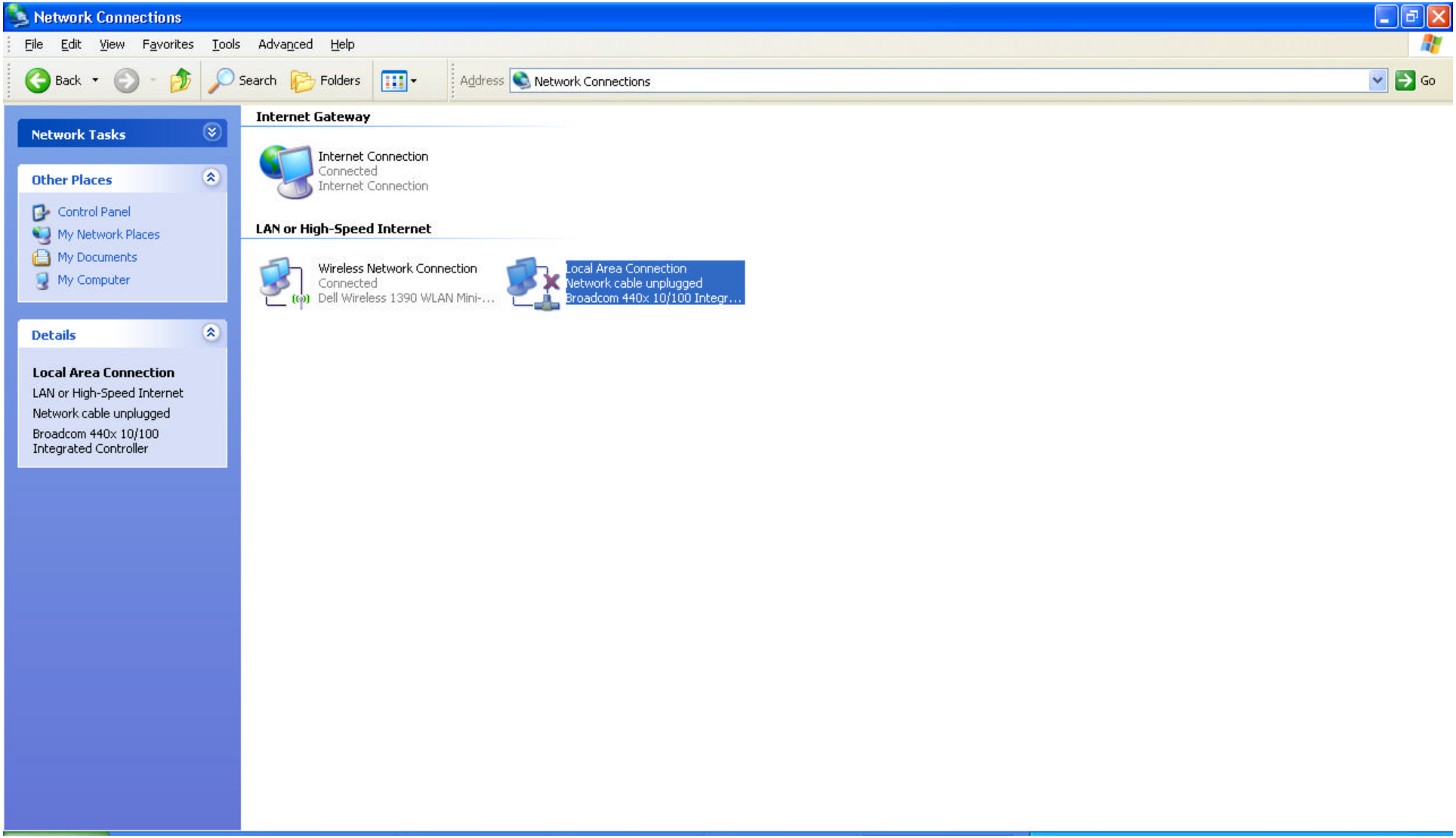
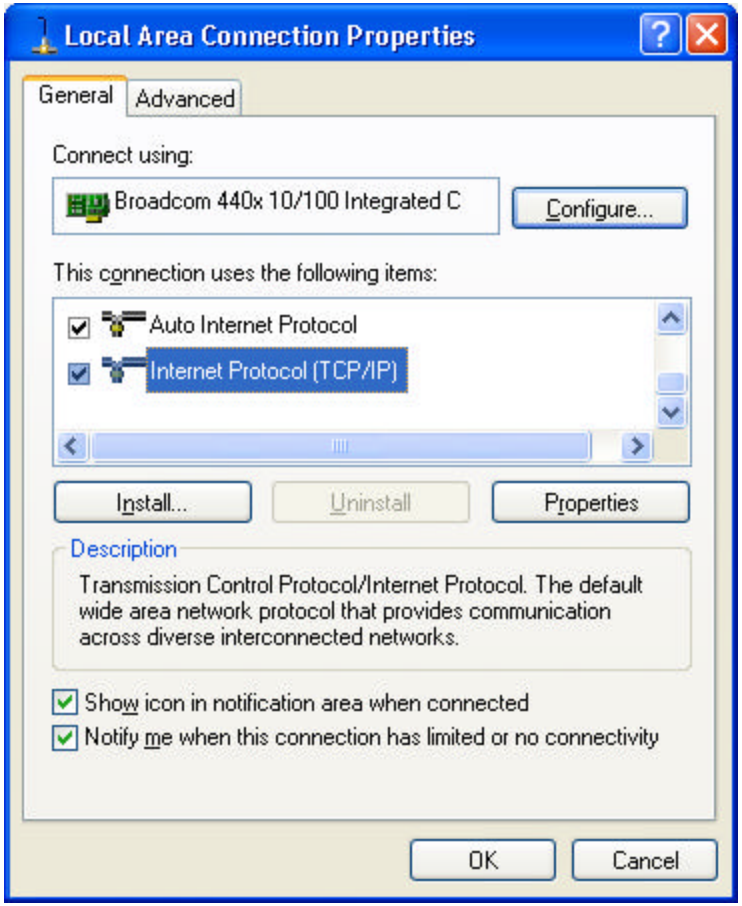
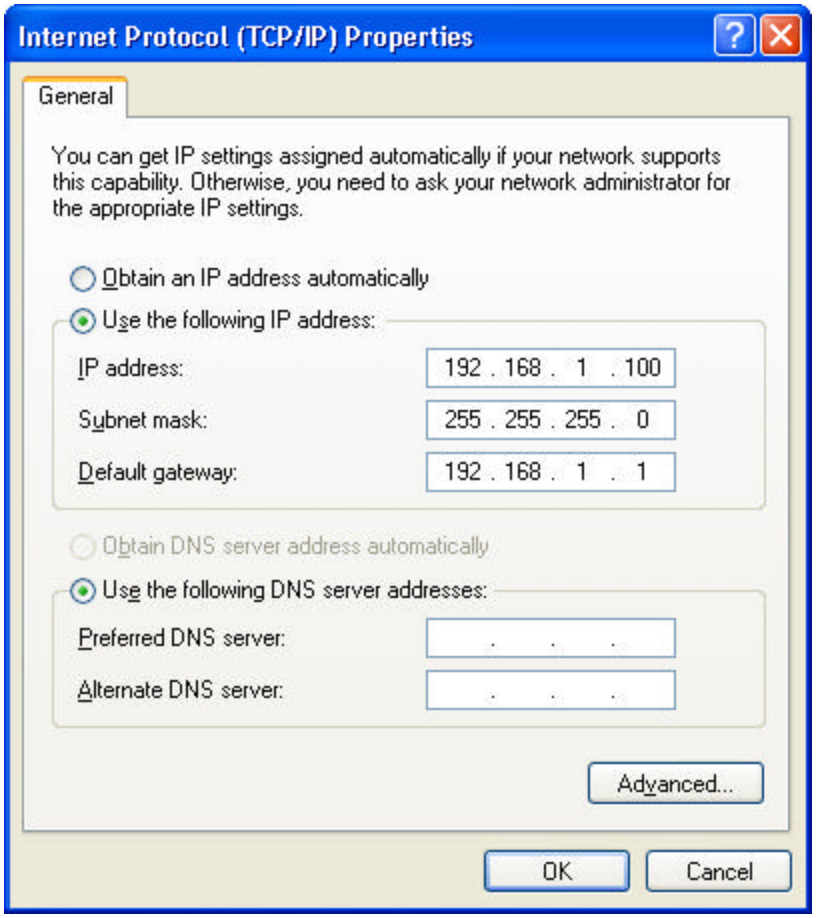
To change WRT54G or WAP54G settings, go to Control Panel, Network Connections and click on Local Area connection. Then right click on it and click properties. Then scroll to you see the Internet Protocol and click on it to select it, then click on Properties




Network Connections
File Edit View Favorites Tools Advanced Help
Back Search Folders
Address Network Connections
Go
Network Tasks
Other Places
Control Panel
My Network Places
My Documents
My Computer
Details
Local Area Connection
LAN or High-Speed Internet
Network cable unplugged
Broadcom 440x 10/100 Integrated Controller
Internet Gateway
Internet Connection
Connected
Internet Connection
LAN or High-Speed Internet
Wireless Network Connection
Connected
Dell Wireless 1390 WLAN Mini-...
Local Area Connection
Network cable unplugged
Broadcom 440x 10/100 Integr...


Local Area Connection Properties
General
Advanced
Connect using:
Broadcom 440x 10/100 Integrated C
Configure...
This connection uses the following items:
Auto Internet Protocol
Internet Protocol (TCP/IP)
Install...
Uninstall
Properties
Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
Show icon in notification area when connected
Notify me when this connection has limited or no connectivity
OK
Cancel

Change to use static IP address like below, then click OK. Typically both IP and DNS settings should be set to Obtain Automatically. You only do the static setting if you want to hook the WRT54G or WAP54G directly to your computer to change configuration settings.



For WAP54G, plug Ethernet cable into Desktop or Laptop and then into Ethernet connection on back of WAP54G. There is only one for the Access Point. Click and then make sure your Local Internet Connection is Enabled. If not, right mouse click on it and enable it.

To access Linksys WAP54G Setup, key 192.168.1.245 in Internet Explorer address and press enter. It should take you to the Setup page without asking for sign-on credentials which are blanks.
Login Name =
Password =

For WRT54G, plug Ethernet cable into Desktop or Laptop and then into any one of the 4 Ethernet ports on back of WRT54G. Do not plug it into the single Internet port.

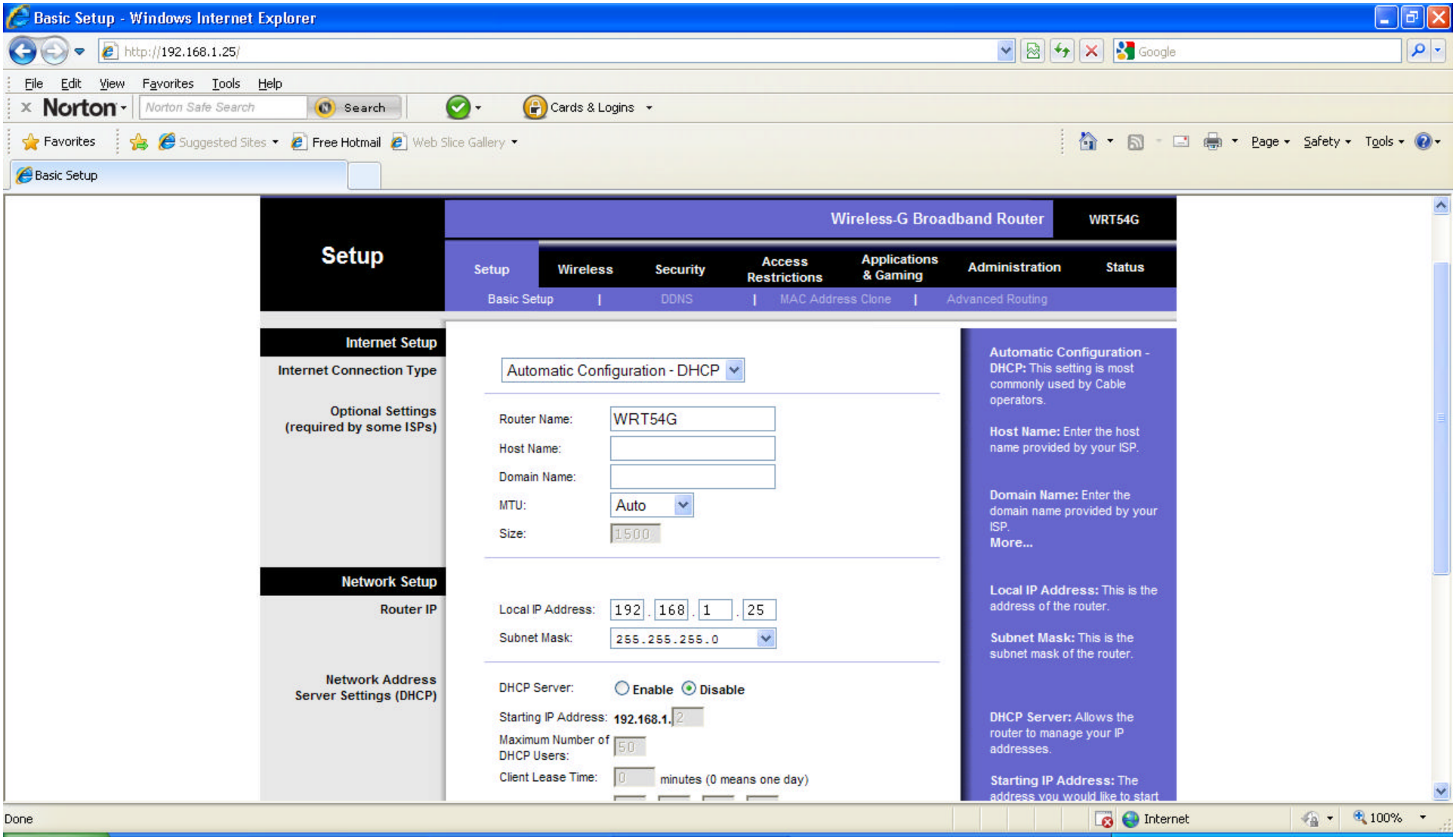
Currently, Operating Mode = Router (use this if your ISP modem/router is the DHCP server)

Make sure your Local Internet Connection is Enabled. If not, right mouse click on it and enable it.

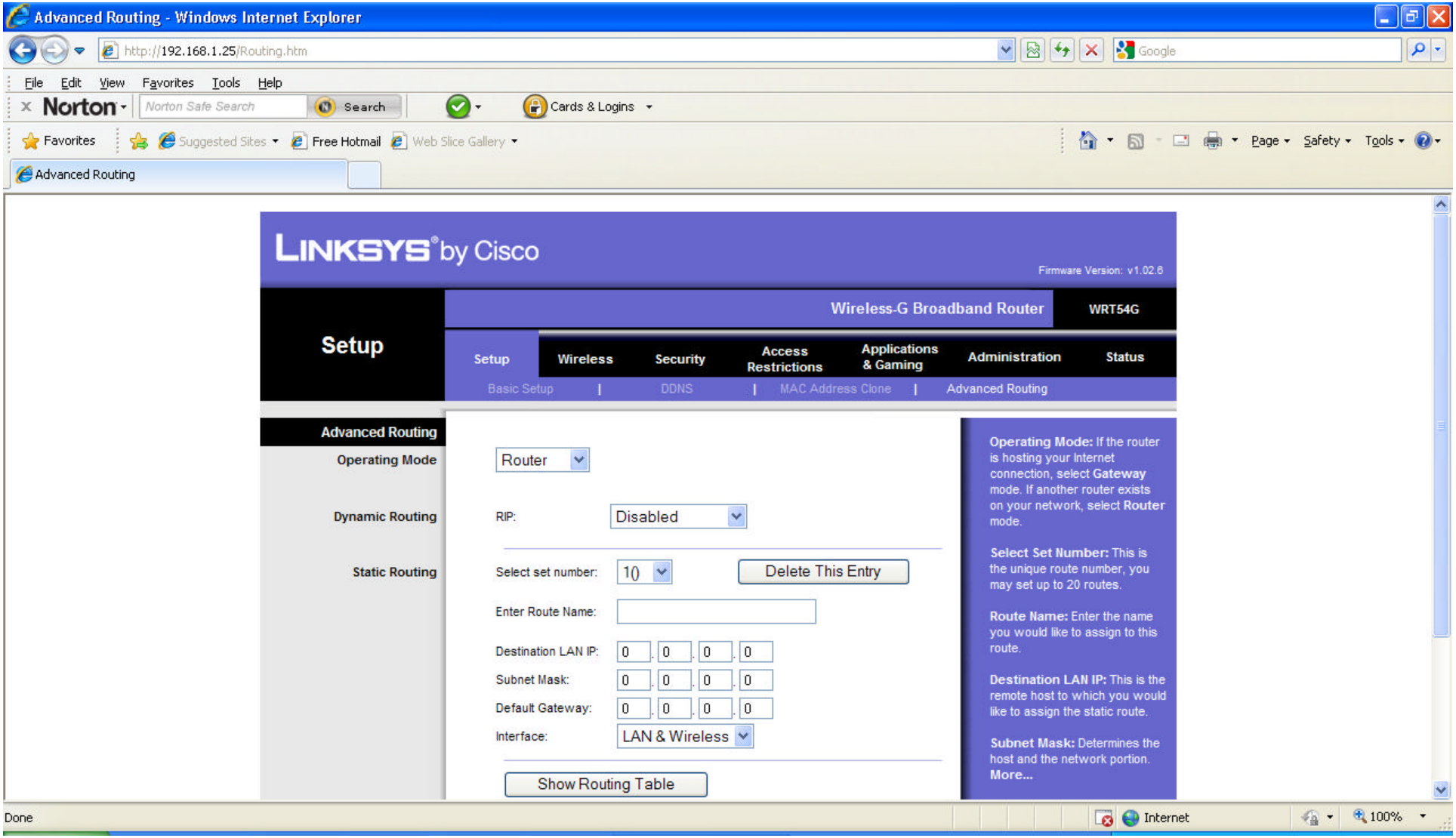
To access Linksys WRT54G setup, key 192.168.1.25 in Internet Explorer address and press enter. The login and password are set as follows. You can change it once you get things set up the way you want them.

Login Name = admin
Password =

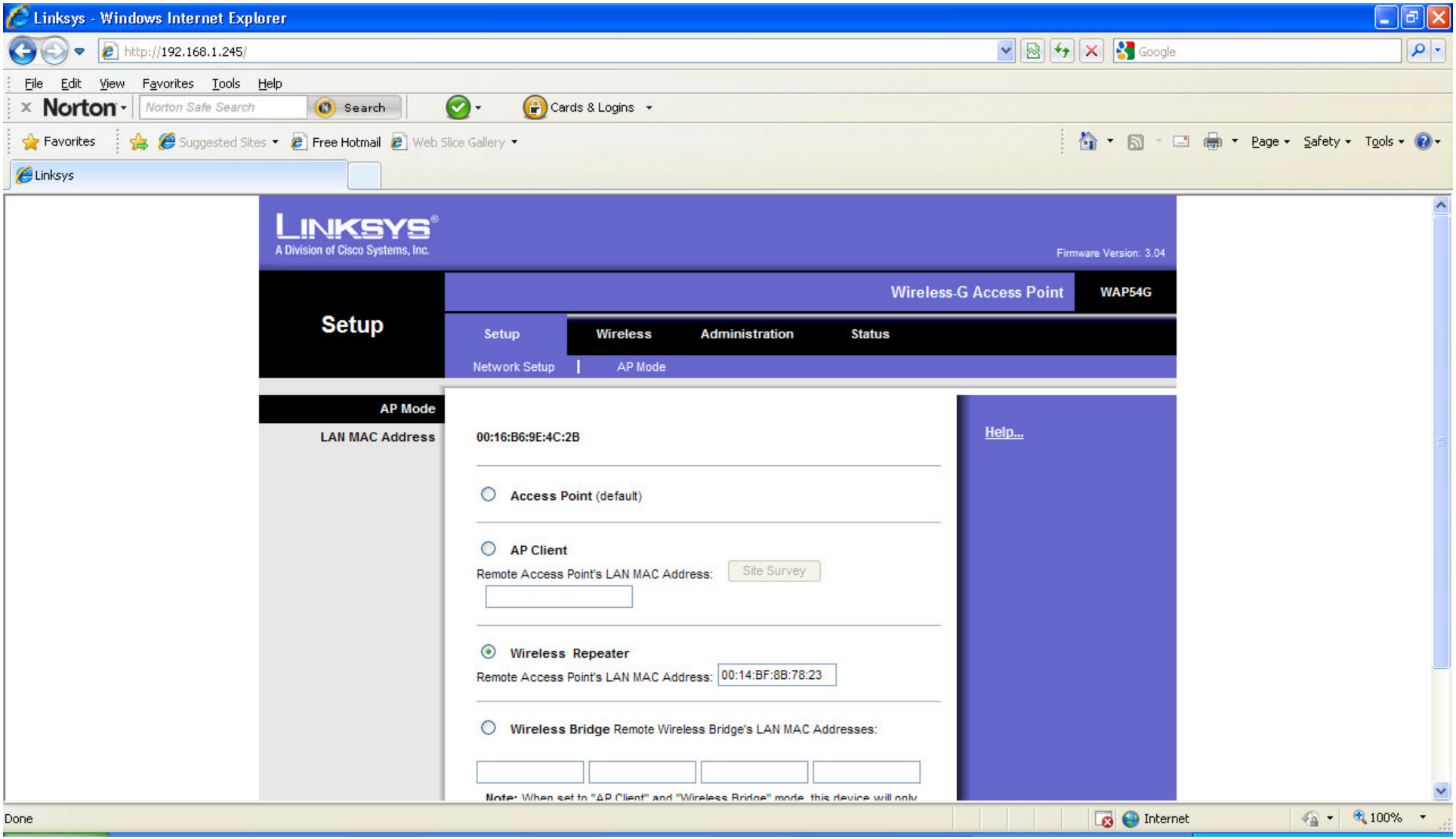
WRT54G IP address set to 192.168.1.25
(if Operating Mode = Gateway, set IP Address = 192.168.1.1 and DHCP Server "Enabled)



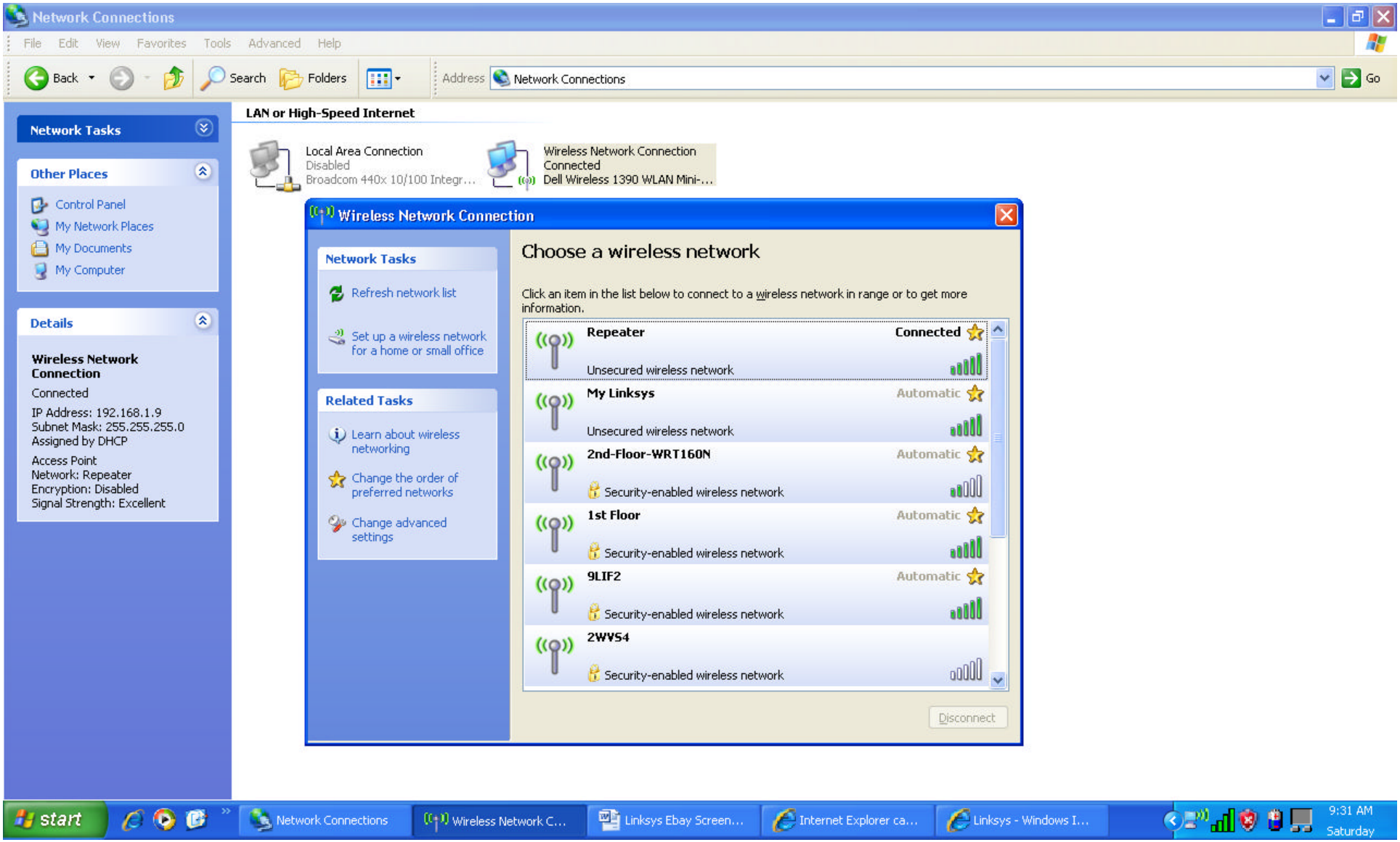
WRT54G Router setup with Operating Mode = Router (Setup\Advanced Routing)



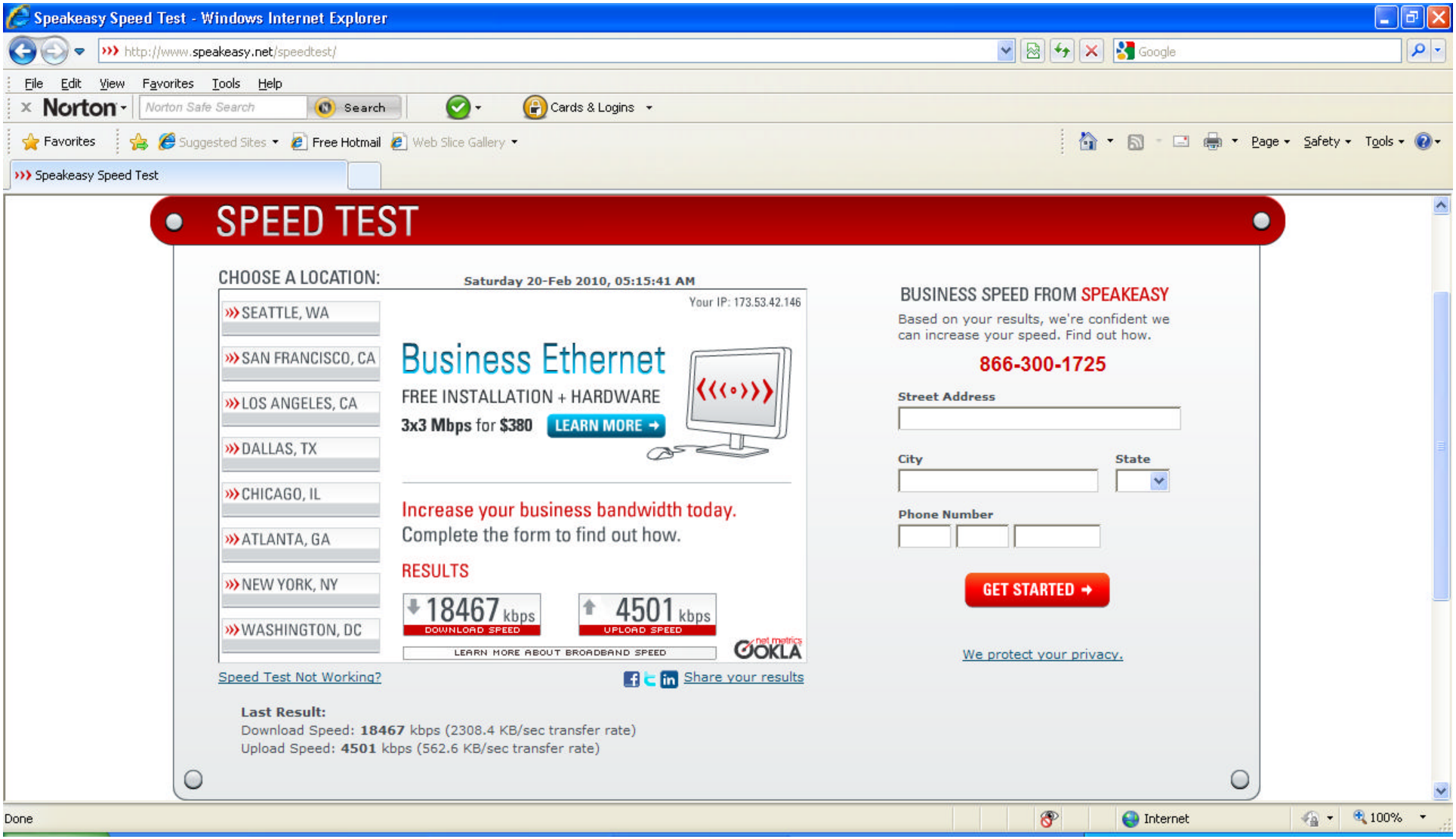
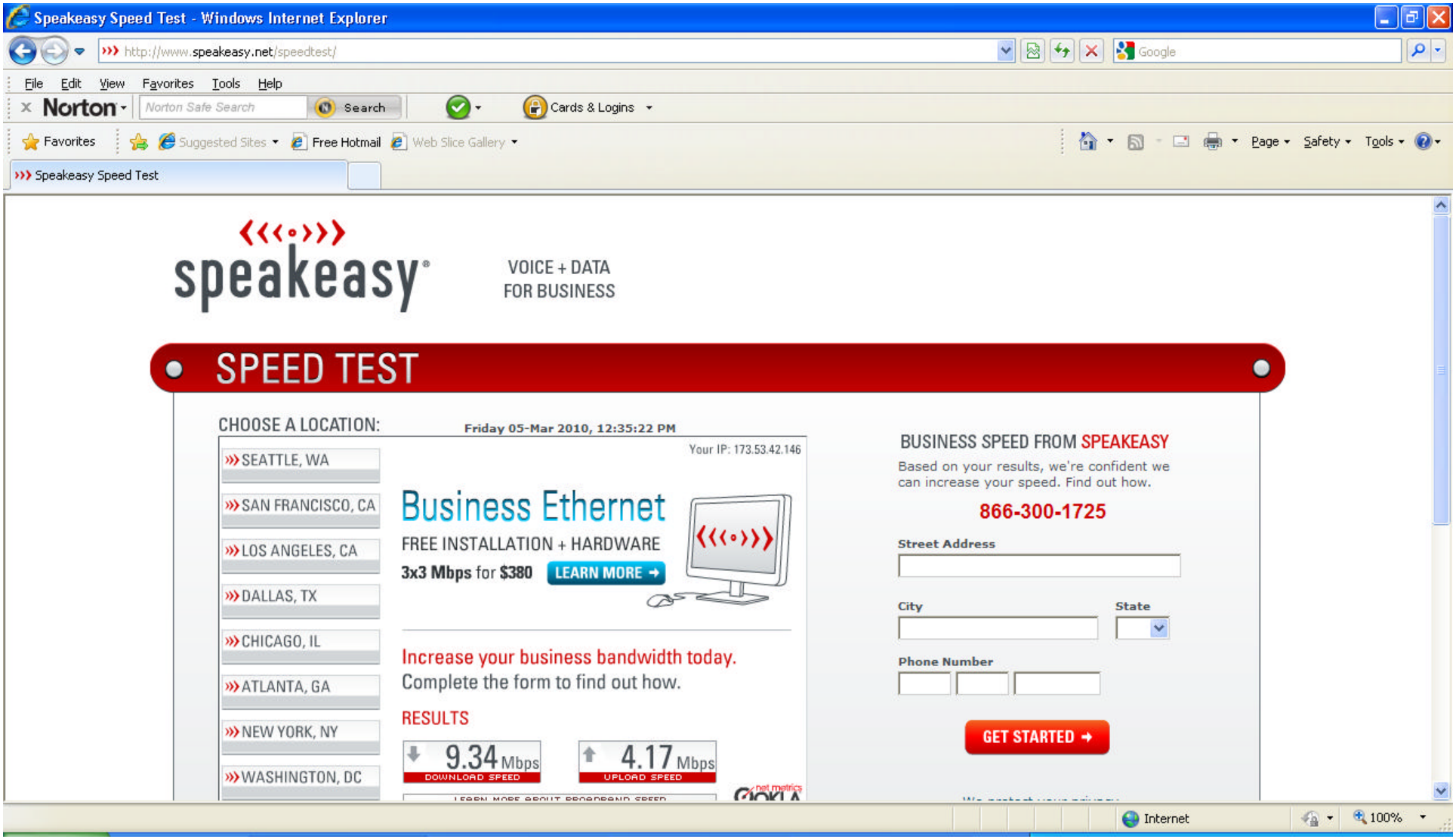
WAP54G IP address set to 192.168.1.245
AP Mode = Wireless Repeater
MAC Address = 00:14:BF:8B:78:23 of Router WRT54G)



Wireless Connection to WAP54G
SSID=Repeater
(AP Mode = Wireless Repeater, MAC Address pointing to Router WRT54G)



Wireless Connection to SSID=My Linksys (WRT54G)
WRT54G connected to FiOS router thru port 1 on back of WRT54G.



Wireless Connection to WAP54G
SSID=Repeater
Sample Speed Test from Dell Laptop with Wireless G Adapter