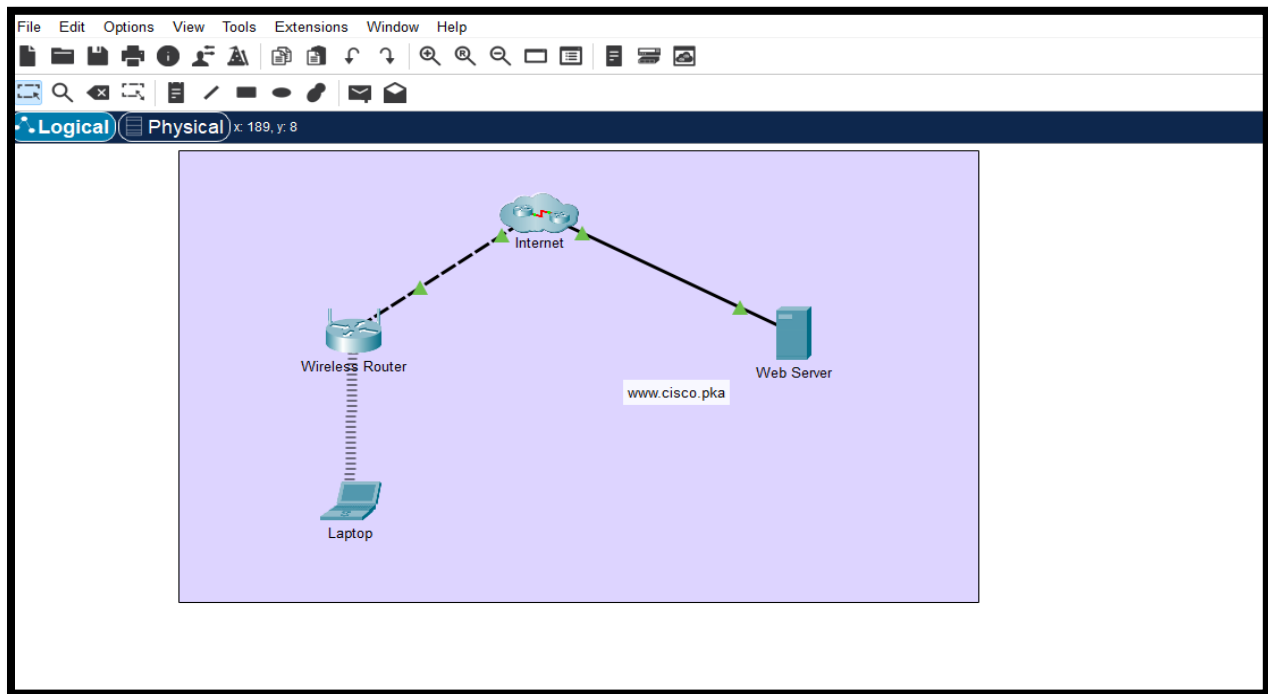


## CCNA-Endpoint Security Configure Basic Wireless Security

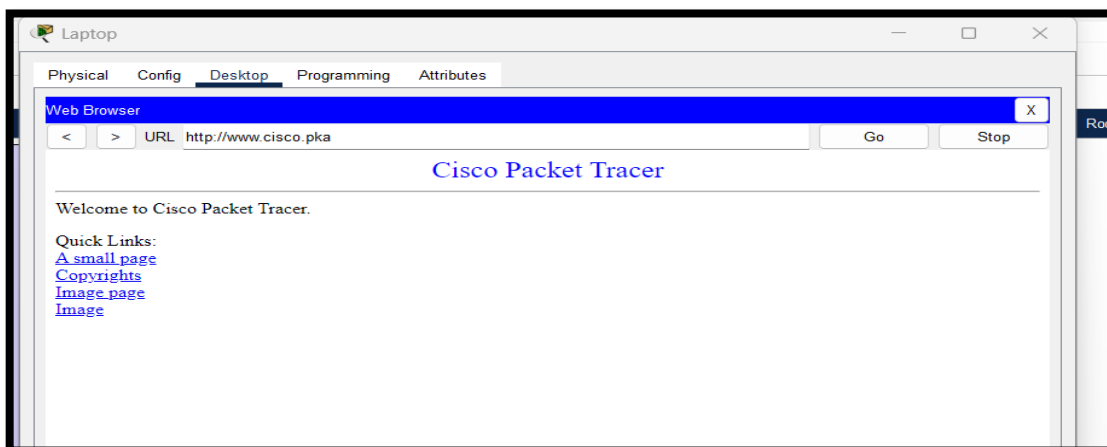
Configure basic wireless security using WPA2 Personal

A small business owner learns that the wireless network should be secured from unauthorized access. He has decided to use WPA2 Personal for his network.



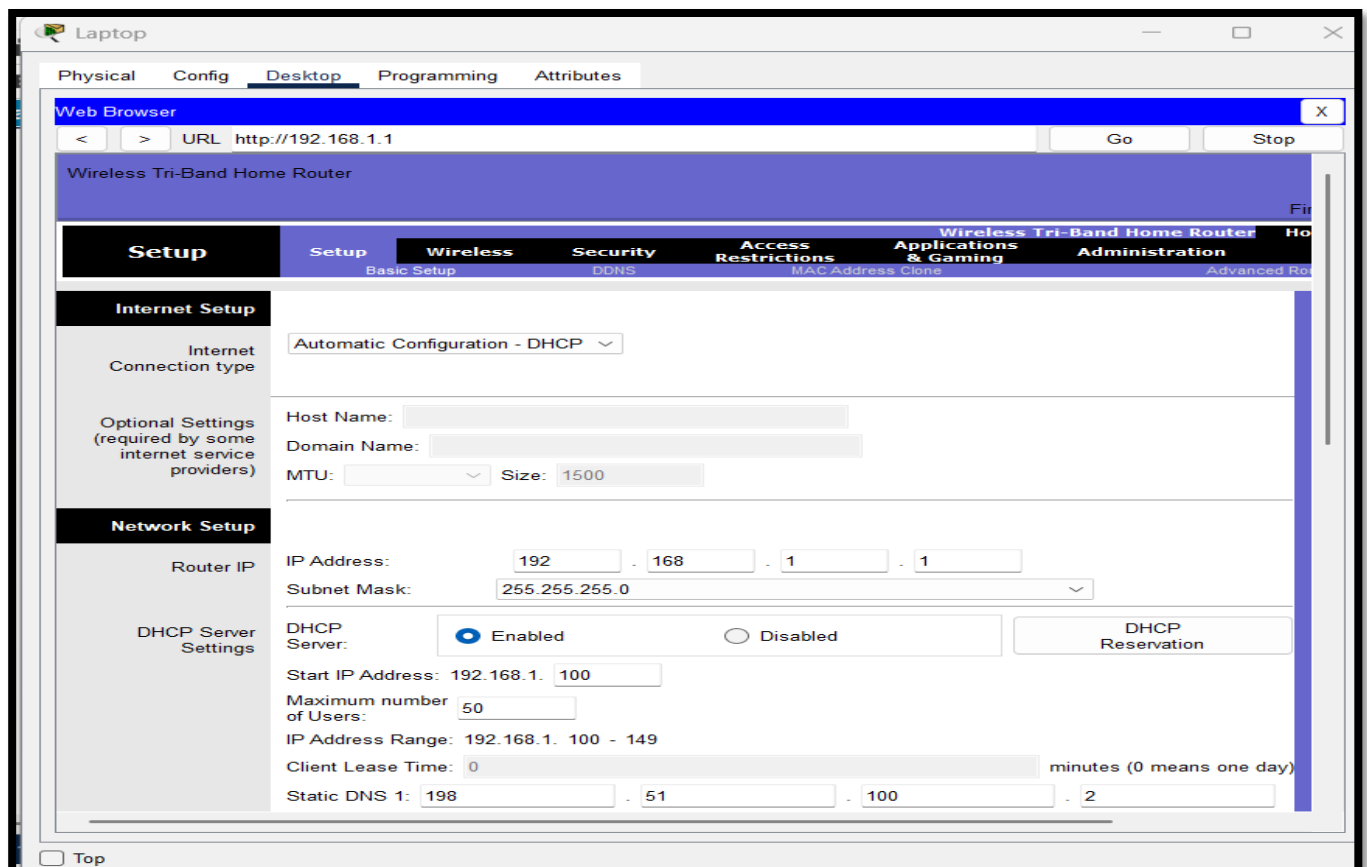
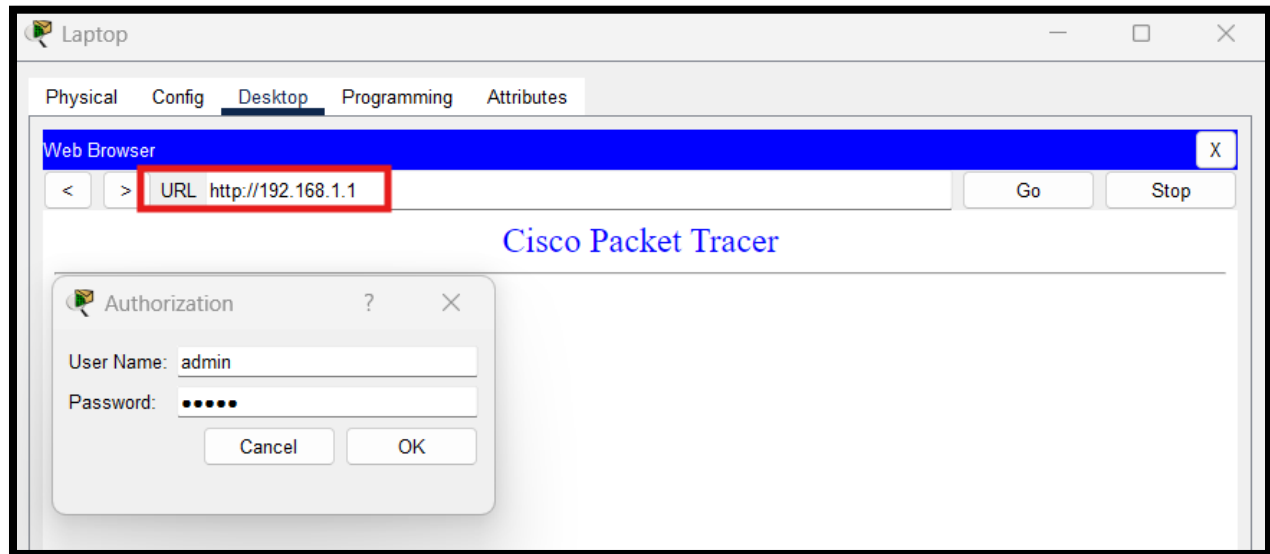
### Part 1: Verify connectivity.

Access the Desktop > Web Browser on the laptop then enter `www.cisco.pka` into the URL. The web page should display.

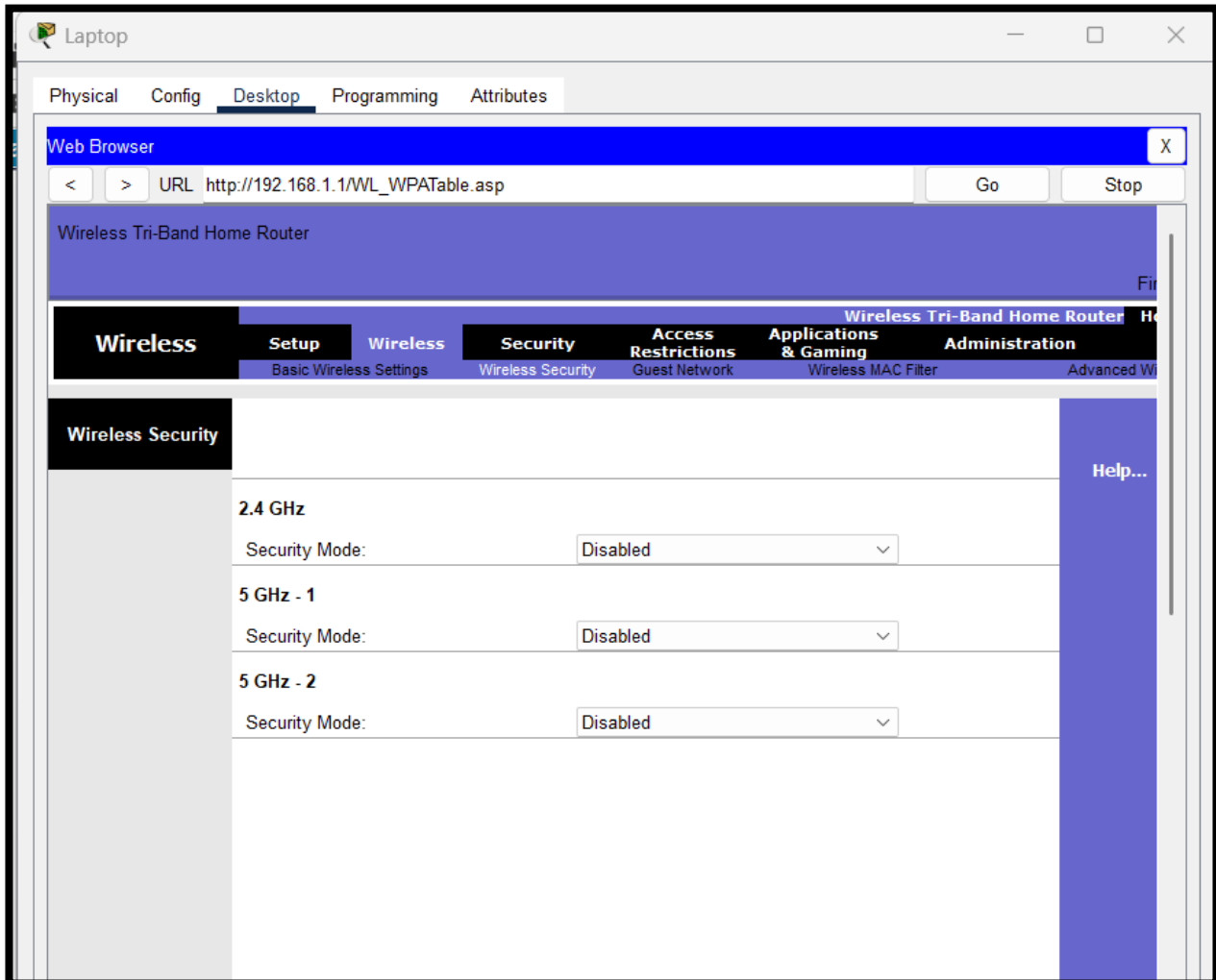


## Part 2: Configure basic wireless security.

Enter **192.168.1.1** in the web browser to access the wireless router. After that enter **admin** as the username and password. Click **Wireless** menu. Select **Wireless Security** menu.



The security mode is disabled currently. For 2.4 GHz network, change the security mode to **WPA2 Personal**. For the 5 GHz networks, you can leave them as disabled.



In the Passphrase field, enter **Network123**. Scroll down to the bottom of the page and click **Save Settings**. Close the web browser.

Web Browser

URL  Go Stop

Wireless Tri-Band Home Router

Wireless Tri-Band Home Router

Wireless Setup Wireless Security Access Restrictions Applications & Gaming Administration

Basic Wireless Settings Wireless Security Guest Network Wireless MAC Filter Advanced W

Wireless Security

Help...

2.4 GHz

Security Mode:

Encryption:

Passphrase:

Key Renewal:  seconds

5 GHz - 1

Security Mode:

Encryption:

Passphrase:

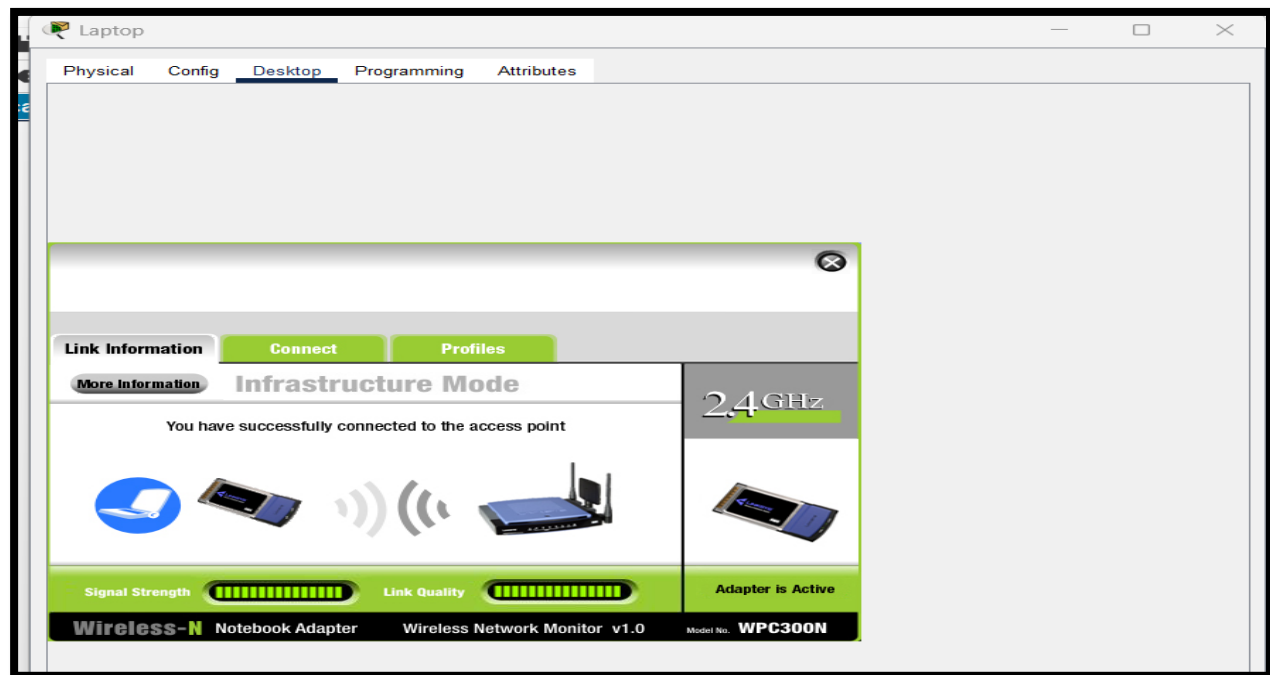
Key Renewal:  seconds

5 GHz - 2

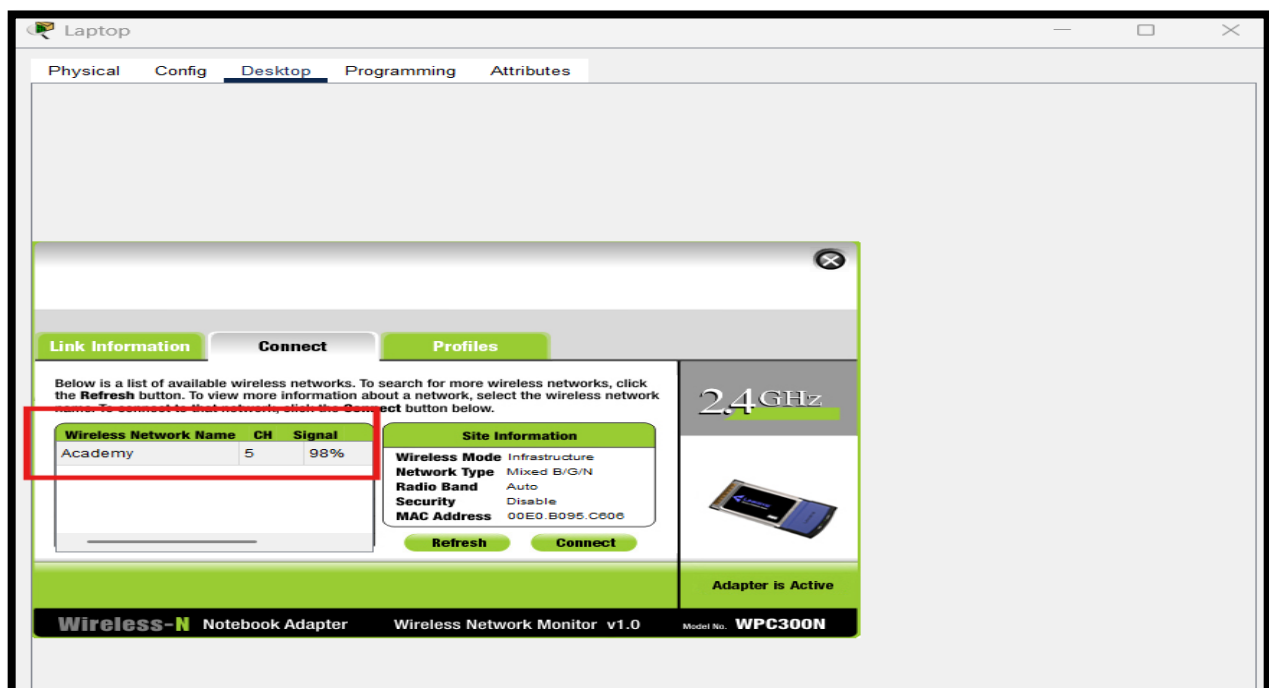
Security Mode:

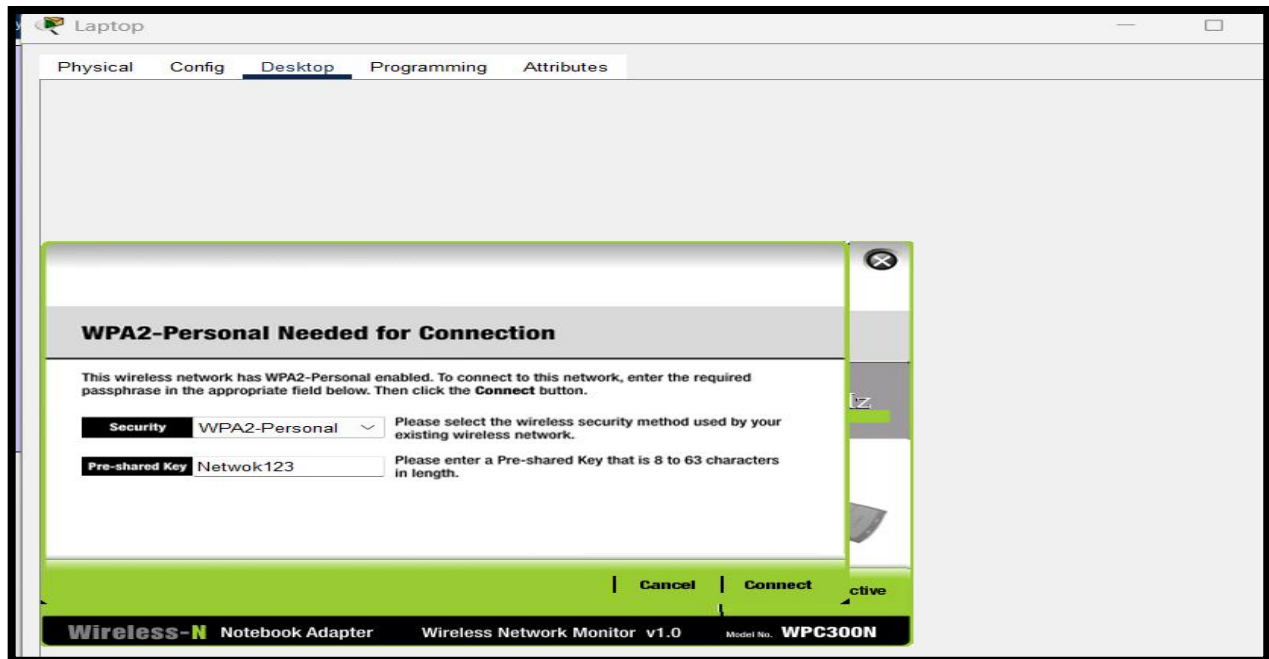
### Part 3: Update the wireless settings on Laptop.

Click **PC Wireless** in the Desktop tab. Then click **Connect** tab.



Select the **Academy** and click **Connect**. After that enter **Network123** as the pre-shared key. Click **Connect**. Close the **PC Wireless** window





#### Part 4: Verify connectivity.

Access the **Web Browser** then enter **www.cisco.pka** into the URL. Verify that the web page displays after the addition of basic wireless configuration.

If you are unable to access the web page, verify your wireless settings on the wireless router and the laptop. Also verify that laptop is connected to the wireless router.

