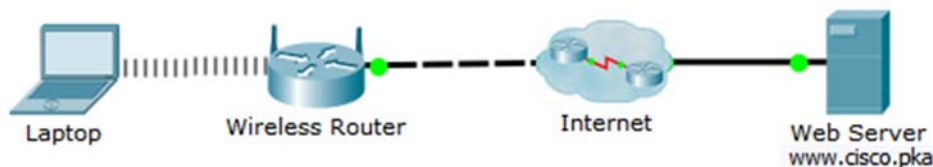


Packet Tracer - Configure Basic Wireless Security

Topology



Objectives

Configure basic wireless security using WPA2 Personal.

Background / Scenario

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.

Step 1: Verify connectivity.

- Access the **Desktop > Web Browser** on the laptop.
- Enter **www.cisco.pka** into the URL. The web page should display.

Step 2: Configure basic wireless security.

- Enter **192.168.1.1** in the web browser to access the wireless router. Enter **admin** as the username and password.
- Click **Wireless** menu. Select **Wireless Security** menu.
- The security mode is disabled currently. Change the security mode to **WPA2 Personal**.
- In the Passphrase field, enter **Network123**.
- Scroll down to the bottom of the page and click **Save Settings**. Close the web browser.

Step 3: Update the wireless settings on Laptop.

- Click **PC Wireless** in the Desktop tab.
- Click **Connect** tab. Select the **Academy** and click **Connect**.
- Enter **Network123** as the pre-shared key. Click **Connect**.
- Close the **PC Wireless** window.

Step 4: Verify connectivity.

- Access the **Web Browser**.
- 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.