Tip

If pressing the Reset button doesn’t seem to do anything, check the router’s documentation; it is possible you might have to hold down some other button at the same time, or press the Reset button as you power-on the router. Each model has its own quirks.

Step 3 Finally, put things back the way they need to be on the router for the next student who will be using it. Ask your instructor what that entails. Resetting the router wipes out all user-configured settings, including security settings and passwords, so if your friend in our scenario were going to continue to use this router, you would have to repeat Lab Exercise 22.02 at this point to re-enable security. Ask your instructor if you should do this, or leave the router in its present state.

Lab Analysis Test

1. Suppose you have a notebook PC with a built-in 802.11g adapter. Will it work with an 802.11ac router? Why or why not?

2. What are the primary differences between WEP, WPA, and WPA2?

3. What does it mean when the network icon in the notification area has a yellow triangle with an exclamation point on it?

4. Why is it important to enable security on a wireless router?

5. How do you start the Windows Network Diagnostics troubleshooter?

Key Term Quiz

Use the following terms to complete the following sentences. Not all terms will be used.

- 802.11ac
- Start menu
- WEP
- 802.11b
- WPA
- desktop
- WPA2
- notification area
- wireless router
- PSK
1. A wireless network adapter connects a computer to a(n) ________________.

2. When shopping for a wireless router, look for one that supports the ________________ standard.

3. A(n) __________ is a password needed to connect a device to a wireless router.

4. To troubleshoot a network connection, right-click the Network icon in the _________________ and choose Troubleshoot problems.

5. When securing your wireless network, use _________________ encryption because it is the most secure.