

12.4.7 Lab: Explore Wireless Network Problems

Candidate: Richard Habib ()

Time Spent: 01:02

Score: 0%

Task Summary

Required Actions and Questions

✗ On Office2-Lap, forget the HomeWireless network

✗ Q1: What is the name of the corporate WLAN?

Your answer:

Correct answer: [CorpNet](#)

✗ Q2: What is the passphrase used for the WLAN security key?

Your answer:

Correct answer: [@CorpNetWeRSecure!&](#)

✗ Q3: To which wireless network is Gst-Lap connected?

Your answer:

Correct answer: [None](#)

✗ On Gst-Lap, reconnect to the CorpNet wireless network

✗ On Exec-Lap, slide the wireless switch to ON and connect to the CorpNet wireless network [Show Details](#)

Explanation

Complete this lab as follows:

1. Identify the wireless connections on the Office2-Lap.
 - a. Under Office 2, select **Office2-Lap**.
 - b. In the notification area, select the **wireless network** icon, then click the right arrow next to the wireless icon to see the available wireless networks.
 - c. Which wireless networks are available to Office2-Lap? Which wireless network is Office2-Lap connected to?
Available networks are: CorpNet, StarSky, and NetGearWireless.
2. Forget the HomeWireless network on Office2-Lap.
 - a. Right-click **Start** and then select **Settings**.

- b. Select **Network & Internet**.
 - c. Select **Wi-Fi**.
 - d. Select **Manage known networks**.
 - e. Which known networks are displayed? CorpNet and HomeWireless.
 - f. Select **Forget** next to **HomeWireless**.
 - g. Close the Settings app.
3. View the wireless controller's configuration interface using Google Chrome.
 - a. Click on Start, then select **Google Chrome**.
 - b. In the URL field, enter **192.168.0.6** and then press **Enter**.
 - c. Maximize the window for better viewing.
 - d. In the *Admin Name* field, enter **admin**.
 - e. In the Password field, enter **password**.
 - f. Select **Login**.
 - g. Select the **Configure** tab.
 - h. From the left menu, select **WLANs**.
 - i. Under WLANs, select **Edit** located in the table under Actions.
 - j. From the top right, select **Questions**.
 - k. Answer Questions 1 and 2.
 - l. Minimize the Lab Questions dialog.
4. Identify the wireless connections on Gst-Lap.
 - a. From the top left, select **Floor 1 Overview**.
 - b. Under Lobby, select **Gst-Lap** to switch to laptop located in the lobby.
 - c. From the top right, select **Questions**.
 - d. Move the question dialog to the left.
 - e. In the notification area, select the **globe** icon, then the arrow next to the wireless icon.
 - f. Answer Question 3.
 - g. Minimize the Lab Questions dialog.
 - h. Right-click **Start** and then select **Settings**.
 - i. Select **Network & Internet**.
 - j. Select **Wi-Fi**.
 - k. Select **Manage known networks**.
 - l. Which known networks are displayed? CorpNet.
 - m. In the notification area, select the **globe** icon, then the arrow next to the wireless icon.
 - n. Select the **CorpNet** wireless network name.
 - o. Select **Connect automatically** and then click **Connect**.

Why did Gst-Lap connect without you entering the network security key? It's already a managed/known network.
5. Identify the wireless connections on Exec-Laptop.
 - a. From the top left, select **Floor 1 Overview**.
 - b. Under Executive Office, select **Exec-Laptop**.
 - c. In the notification area, select the **globe** icon. Notice that the wireless icon is not blue, meaning WiFi is not turned on.
 - d. What wireless networks are available to Exec-Laptop? None.
 - e. From the top left, select **Executive Office** to switch to the hardware of the devices in the executive office.
 - f. Examine the position of the wireless switch found in the lower left of the laptop's case.
 - g. What is the position of this switch? Off.
 - h. Slide the wireless switch to the **On** position to turn the wireless network interface card on.
 - i. On the Exec-Laptop monitor, select **Click to view Windows 11** to switch to the operating system.
 - j. Select the **globe** icon in the notification area, then the arrow next to the wireless icon to view the available networks.
 - k. Which wireless networks are available to Exec-Laptop now?
 - l. Manually connect to the CorpNet wireless network as follows:

- i. Select the **CorpNet** wireless network name.
- ii. Select **Connect**.