Lab Report

Your Performance

Your Score: 5 of 5 (100%)   Pass Status: Pass

Elapsed Time: 11 minutes 42 seconds   Required Score: 100%

Task Summary

Required Actions & Questions

  ✔ Run hciconfig to enable the Bluetooth adapter

  ✔ Run hcitool to scan for the Bluetooth devices

  ✔ Use l2ping to determine if a Bluetooth device is up

  ✔ Run sdptool to query Philip's Dell Laptop

  ✔ Q1Using the MAC address, what is the class ID number for the Joanna's Braven speaker?
Your answer: 0x240404
Correct answer: 0x240404

Explanation

In this lab, your task is to scan for Bluetooth devices using Terminal as follows:

- Use **hciconfig** to discover and enable the onboard Bluetooth adapter.
- Use **hcitool** to scan for Bluetooth devices and find the class ID.
- Use **l2ping** to determine if the Bluetooth device is alive and within range.
- Use **sdptool** to query Philip's Dell Laptop to determine the Bluetooth services available on the device.
- Answer the question.

Complete this lab as follows:

1. From the Favorites bar, open Terminal.
2. At the prompt, type **hciconfig** and press **Enter** to view the onboard Bluetooth adapter.
3. Type **hciconfig hci0 up** and press **Enter** to initialize the adapter.
4. Type **hciconfig** and press **Enter** to verify that the adapter is up and running.
5. Type **hcitool scan** and press **Enter** to view the detected Bluetooth devices and their MAC addresses.
6. Type **l2ping** *MAC address* and press **Enter** to determine if the Bluetooth device is in range.
7. Press **Ctrl + c** to stop the ping process.
8. Repeat steps 6–7 for each device.
9. Type **sdptool browse B0:52:23:92:EF:CC** and press **Enter** to view the details for Philip's Dell Laptop.
10. Type **hcitool inq** and press **Enter** to determine the clock offset and class for each device.
11. In the top left, select **Answer Questions**.
12. Select the correct answer.
13. Select **Score Lab**.