**Lab Report**

**Lab Completed:** Lab Name

**Objective:** Complete the lab presented. Using your textbook, the written lab, and the hands-on activity, use the lab report to demonstrate understanding of the concept presented.

**Part 1: Lab Activity**

Directions: Complete the lab assigned in Netlab. Take 2 screenshots (or more) that demonstrate completion of the lab. Answer the following:

**Q1:** Provide a synthesis of the activity you completed in your own words.

Note: Looking at the lab you completed, provide a description of the lab that connects the activities. What was the overall goal?

Answer Here:

**Q2:** Provide 2 screenshots that demonstrate lab completion. For each screenshot, include 1-2 sentences explaining what the screenshot is demonstrating.

Note: For the two screenshots – Provide a 1-2 sentence description of each. If you feel the lab would require additional screenshots to demonstrate completion (for example the lab has 3 parts and you provide a screenshot for all the parts) that is fine. Be sure to provide that information in your description.

Answer Here:

Screenshot 1

Description

Screenshot 2

Description

**Part 2: Critical Thinking**

**Directions**: Complete the following questions. Provide an explanation of your reasoning for each answer.

The answers should address the lab you just completed.

Suggested length for Part 2: 1-2 pages

**Q1**: What vulnerability(s) are demonstrated or found in this lab? Vulnerabilities may occur during the lab as part of the lab activity.

Note: with this reflection question. When reviewing the lab, what specific vulnerabilities were demonstrated during the lab.

Answer Here:

**Q2:** How might this (these) attack(s) be utilized during a penetration test?

Note: When conducting a penetration test, some activities can be used a variety of ways. Consider at least one example and explain that here.

Answer Here:

**Q3:** Explain your reasoning as to what phase of the attacker methodology this lab falls under.

Note: Sometimes an attack is clearly in only one phase of the attacker methodology or is utilized in additional phases. Explain your reasoning on why you believe this lab as a whole falls in a particular phase.

Answer Here:

**Q4:** Research how the attack(s) in this lab can be mitigated or prevented. Cite any sources used. (APA)

Note: For this question you should find a source for how the attack can be mitigated. Explain how the attack can be mitigated or prevented in your own words and provide an APA formatted citation for the source you used.

Answer Here:

**Q5:** What ethical or potentially problematic issues should a penetration tester consider if they plan on implementing this (these) attack(s) by exploiting a vulnerability?

Note: Answers to this question will vary from lab to lab. Review the activities in this lab and consider what issues can occur during this lab if it was used when participating in a penetration test. How should the penetration tester resolve the issue, or what plan should be in place to respond appropriately?

Answer Here: