

ITBU 313: Introduction to Cyber Security

Lab 09, Metasploit Framework

1 Readings

Review the following tools and write a *brief* description of the capabilities of each.

1. pentesting
2. Metasploit
3. WMAP WEB SCANNER
4. Armitage

2 Lab Assignment

Complete Lab 09 in Ethical Hacking.

3 Instructions

Take screenshots after the following steps. You will include these in your deliverable. Please make sure that your images include your (unique) reservation number and lab name, as shown in Figure ??.

- Part 1, Step 9
- Part 1, Step 15
- Part 1, Step 16
- Part 2, Step 5
- Part 2, Step 7
- Part 2, Step 9
- Part 2, Step 12
- Part 3, Step 1
- Part 3, Step 4
- Part 3, Step 7
- Part 3, Step 9
- Part 4, Step 7
- Part 5, Step 8

4 Writeup

Conclude the assignment with a brief reflection (two or three paragraphs) of your evaluation of the usefulness of the tools, with examples of how you could use them in pursuit of either an attack or a defense of an asset.

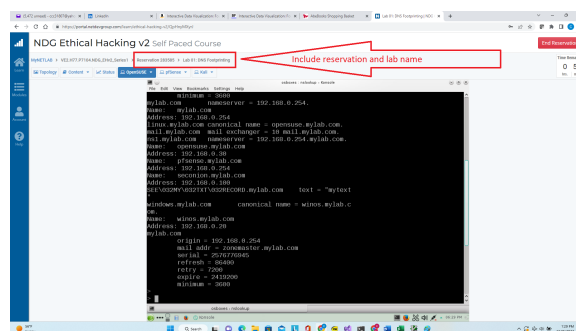


Figure 1: Sample screenshot for lab

5 Deliverable

Your deliverable consists of a document (Microsoft Word, PDF, or similar) with your description of the tools, screenshots, and reflection. Your deliverable *must include* your name, course number, lab number or name, and the date of completion. Submit your deliverable through Canvas.