

ITBU Cybersecurity Labs, Lab 5, Vulnerability Scanning with OpenVAS

Network Development Group

1 Readings

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

1. OpenVAS
2. Greenbond Security Assistant

2 Lab Assignment

Complete Lab 05 in Ethical Hacking. I had trouble with this lab. You may get discouraged, but keep trying. OpenVAS has a bug or two, but will work. I *will* accept late assignments for this lab, but only if you describe the difficulties you had with it.

I had to start this lab from the beginning three times before I completed it. Just be aware that this lab may take some time to complete.

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 1.

- Part 1, Step 8
- Part 2, Step 7 This took almost an hour on my machine. Be prepared to wait. What are the scan results for these levels:
 1. High
 2. Medium
 3. Low
 4. Log
 5. False Positive
- Part 3, Step 2
- Part 3, Step 10
- Part 3, Step 12

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.

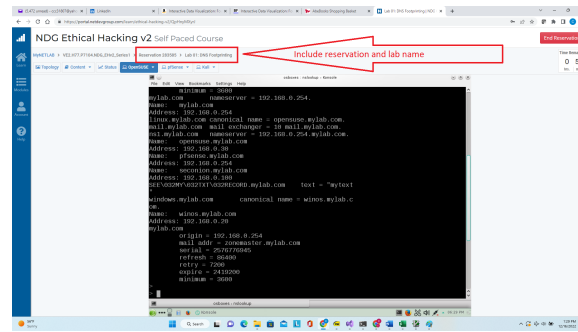


Figure 1: Sample screenshot for lab

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.