

Ethical Hacking and Penetration Testing, Spring 2024 Assignment 2

1 Description

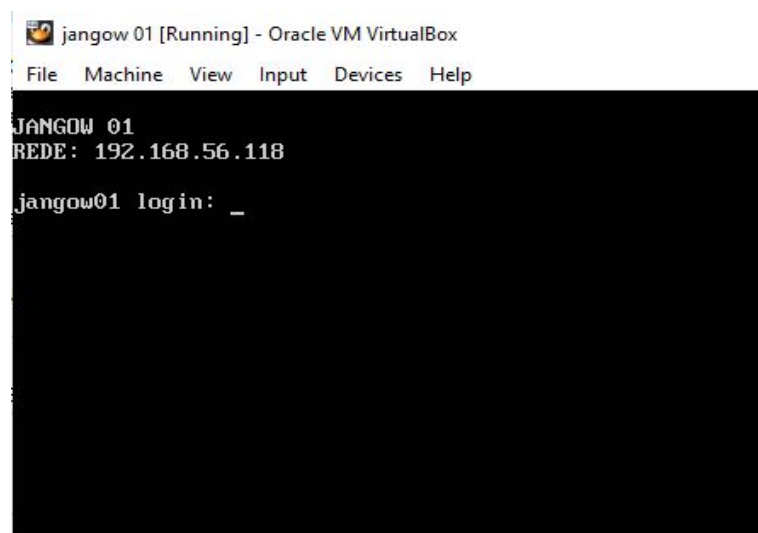
In the scanning phase the main purpose is to find system versions, directories, operating systems, and open ports. After that we enumerate(dig) more into what we find to see if we can find important information that will help in exploiting the system.

2 Guidelines

Install the machine from this link: **(Works only on virtualBox)**

<https://drive.google.com/drive/folders/10f6YDZSg14Z71XPG2xtCQJ-gaWy493bK?usp=sharing>

When you open the machine you will find it like this, it needs credentials to login. Your task is to scan this machine and apply the scanning and enumerating techniques discussed in the class to get this machine's credentials and login to it. The machine's IP address is given.



3 Deliverables

You are required to submit a report including:-

1. Your steps and outputs from the start of scanning till you find the username and password.
2. It must include all the dead end steps also.
3. Screenshots of each step.
4. Screenshot after logging in.
5. Make sure to apply what we learned in the lab.

4 Hints

1. Navigate manually through the website before using any tool.
2. You may write terminal commands in the url if it ends with "="
3. If you used Burpsuite: you can Highlight the words then use "ctrl+u" if you want many words to be considered as one word.

5 Submission

- You should submit your zip folder at the following link:
<https://forms.office.com/r/RzXWqJtFH6>
- The filename should be of form <ID_Name>.
For example: 1001234_Adam_Smith.pdf
- Online submission is due on Monday, March 4, by 23:59 pm.