### **Exploiting Vulnerable Hosts (4e)**

Ethical Hacking, Fourth Edition - Lab 03

| Student:                         | Email:                       |
|----------------------------------|------------------------------|
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| Time on Task: 1 hour, 53 minutes | Progress: 100%               |

Report Generated: Sunday, March 2, 2025 at 1:07 AM

### **Section 1: Hands-On Demonstration**

#### Part 1: Identify Vulnerable Windows Systems

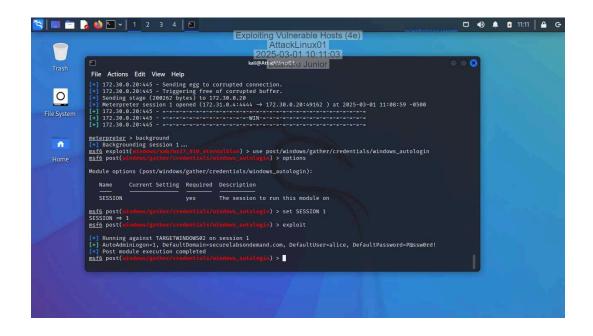
8. Record the following information for each host:

IP Address
Operating System and Version

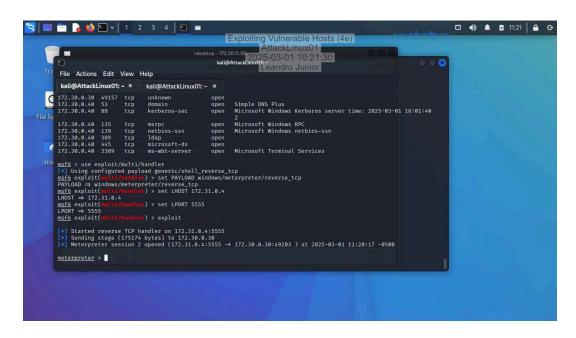
173.30.0.20 Windows Vista client173.30.0.30 Windows 2012 server173.30.0.40 Windows 2016 server

## Part 2: Exploit Vulnerable Systems Using Metasploit

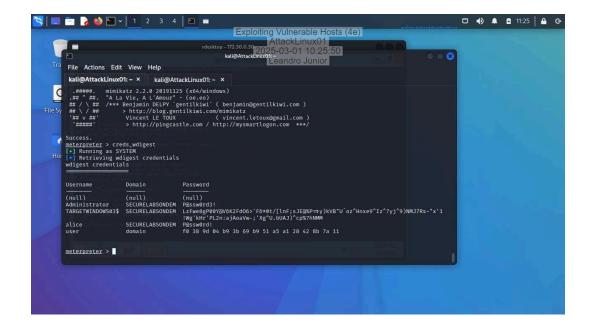
11. Make a screen capture showing the login credentials for the domain user on 172.30.0.20.



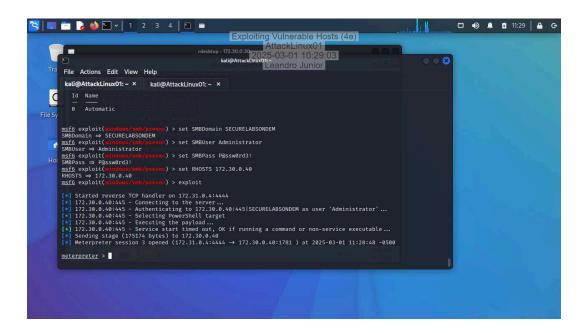
38. Make a screen capture showing the Meterpreter session for 172.30.0.30.



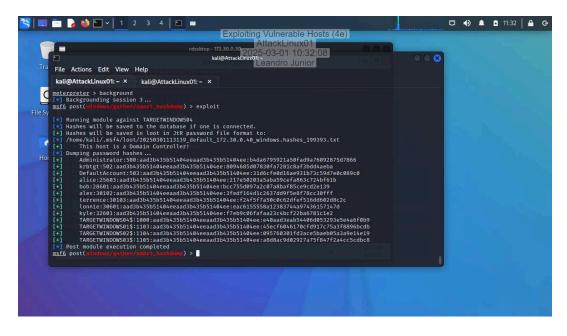
48. Make a screen capture showing the credentials found with creds\_wdigest.



57. Make a screen capture showing the Meterpreter session for 172.30.0.40.

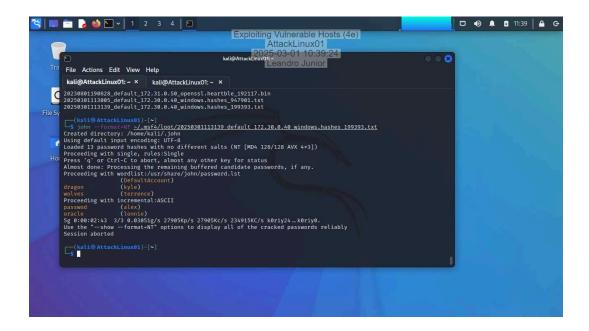


67. Make a screen capture showing the account information from 172.30.0.40.



Part 3: Crack Password Hashes Using John the Ripper

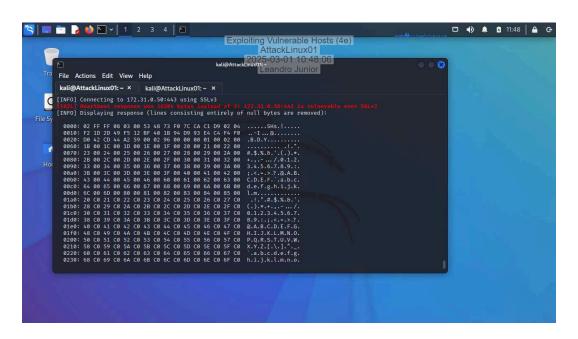
5. Make a screen capture showing the user accounts and cracked passwords.



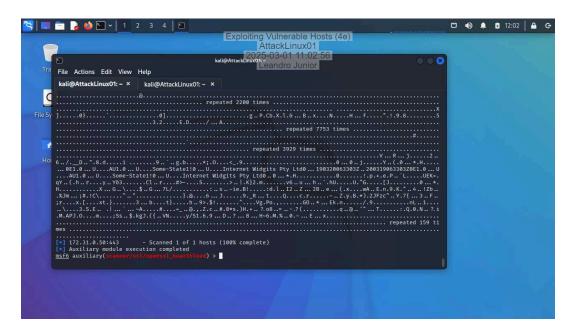
# **Section 2: Applied Learning**

### Part 1: Exploit the Heartbleed Bug

5. Make a screen capture showing the first 10 lines of the output from the cardiac-arrest.py script.

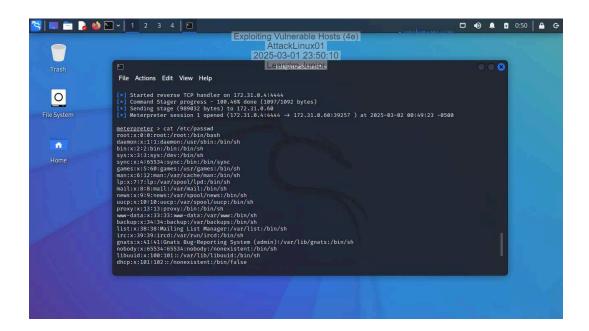


14. Make a screen capture showing the output of the exploit.



Part 2: Exploit the Shellshock Vulnerability

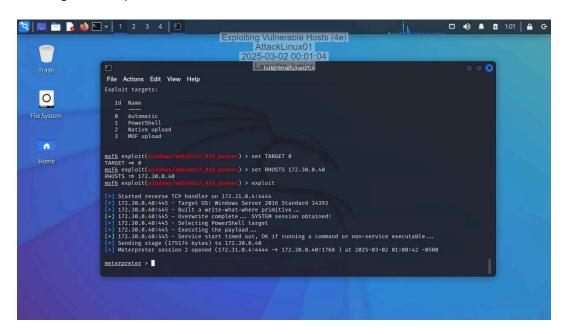
17. Make a screen capture showing the first 10 lines of the passwd file.



# **Section 3: Challenge and Analysis**

### Part 1: Exploit the Domain Controller Directly

**Make a screen capture** showing a successful Meterpreter shell on the domain controller using this exploit.



## Part 2: Get Hashes on a Linux System

Make a screen capture showing the hash for the root user.

