Identifying and Exploiting Vulnerabilities (3e)

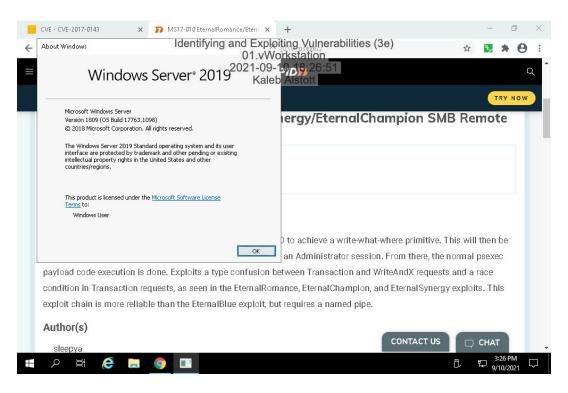
Managing Risk in Information Systems, Third Edition - Lab 01

Student:		Email:
Kaleb Alstott		alstottk1@mymail.nku.edu
Time on Task:		Progress:
3 hours, 56 minutes		100%
Report Generated: Monday, September 13, 2021 at 5:56 PM		

Guided Exercises

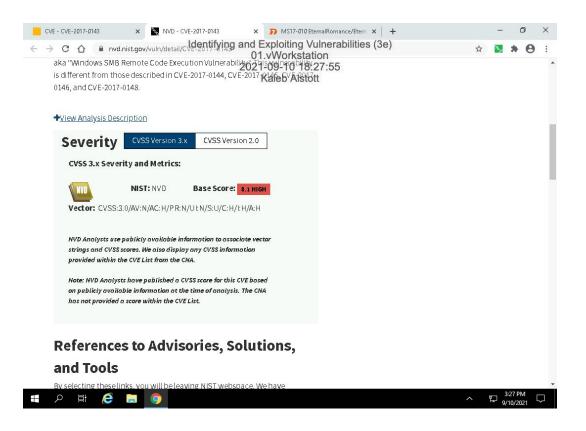
Part 1: Identify the Version and Build of a Windows System

3. Make a screen capture showing the About Windows dialog box and the Windows version number.



Part 2: Research and Identify Vulnerabilities and Exploits

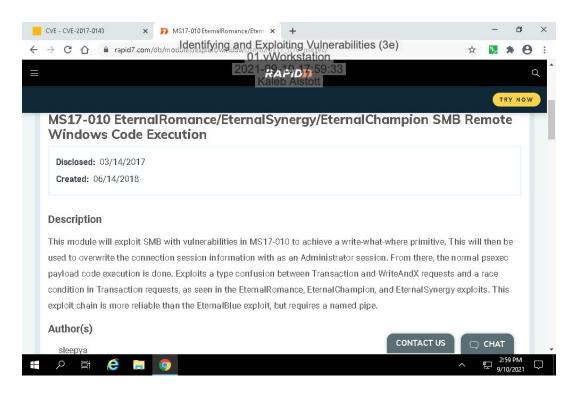
13. Make a screen capture showing the NVD page for CVE-2017-0143, including the Base Score.



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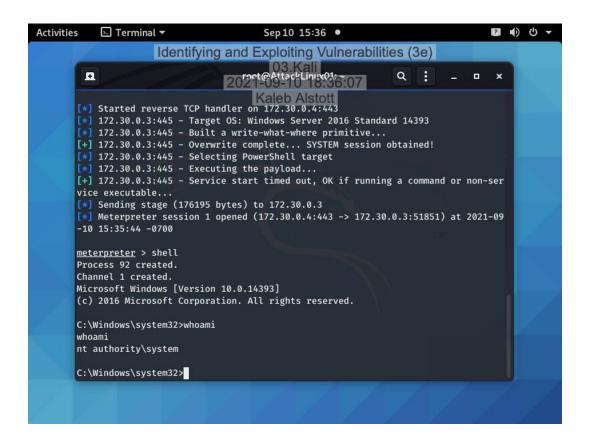
21. Make a screen capture showing the MS17-010

EternalRomance/EternalSynergy/EternalChampion SMB Remote Windows Code
Execution module in the Rapid7 Vulnerability and Exploit Database.

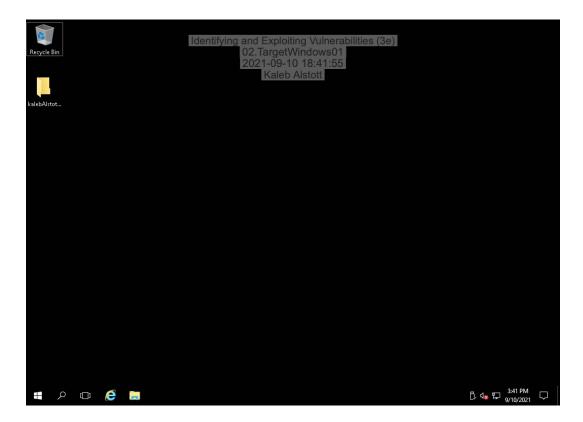


Part 3: Use the Metasploit Framework to Exploit a Vulnerability

14. Make a screen capture showing the current user on the TargetWindows01 server.

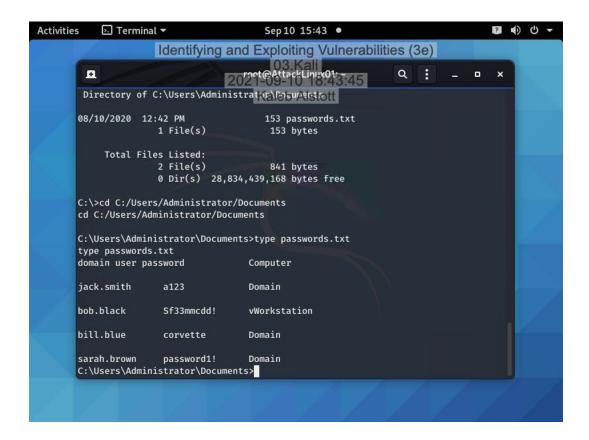


18. **Make a screen capture** showing the **TargetWindows01 Desktop and the yourname_was_here folder**.

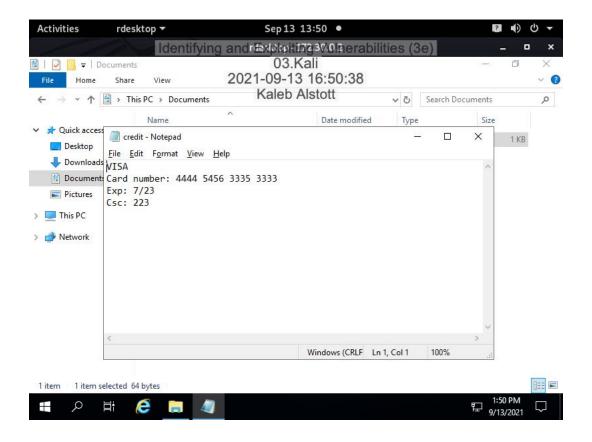


Part 4: Retrieve Sensitive Files

6. Make a screen capture showing the contents of the password.txt file.



12. Make a screen capture showing the contents of the file containing sensitive information.



Challenge Exercises

Part 1: Use FTP to Extract Sensitive Information

Make a screen capture showing the contents of the file containing sensitive information.



Part 2: Identify Root Causes

What are some root causes of storing personal information in clear text files?

I would say some root causes for storing personal information in clear text files is obviously lack of training and knowledge of where to hold and protect sensitive information like your username and passwords. Another root cause of storing personal information in files easily accessed like these are, being unaware of where you are storing these files. Overall, the root cause of storing personal information in clear text files is just lack of knowledge and security on what and where you are storing these files.

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What are some root causes of using an FTP service on the internal network?

Some root causes on using a FTP service on in internal network would be for any business small to medium size. Any businesses looking to send small volume, low level requirements of data to and from one another. Another root cause of FTP service on an internal network is if you aren't worried about security issues. FTP is known for not having the best security but is reliable with data transferring.

• What are some root causes of having anonymous login enabled on FTP service?

Some root causes of having an anonymous login enables on FTP services is possibly having a vulnerability to hackers attacking, incorrect or unauthorized file uploads, information being leaked or spread wrongly, and much more. There is multiple root causes for having an anonymous login and is highly unsafe to have in your FTP services if anonymous goes unregulated or uncontrolled.