DEMONSTRATE LINUX PRIVILEGE ESCALATION

ROLL NO: 231901030

AIM:

Learn the fundamentals of Linux privilege escalation. From enumeration to exploitation, get hands-on with over 8 different privilege escalation techniques.

TASK 2: WHAT IS PRIVILEGE ESCALATION?

Read the above. ✓ Correct Answer No answer needed **TASK 3: ENUMERATION** What is the hostname of the target system? wade7363 ✓ Correct Answer What is the Linux kernel version of the target system? 3.13.0-24-generic ✓ Correct Answer What Linux is this? ✓ Correct Answer Ubuntu 14.04 LTS What version of the Python language is installed on the system? ✓ Correct Answer 2.7.6 What vulnerability seem to affect the kernel of the target system? (Enter a CVE number) CVE-2015-1328 ✓ Correct Answer **TASK 4: AUTOMATED ENUMERATION TOOLS** Install and try a few automated enumeration tools on your local Linux distribution No answer needed ✓ Correct Answer

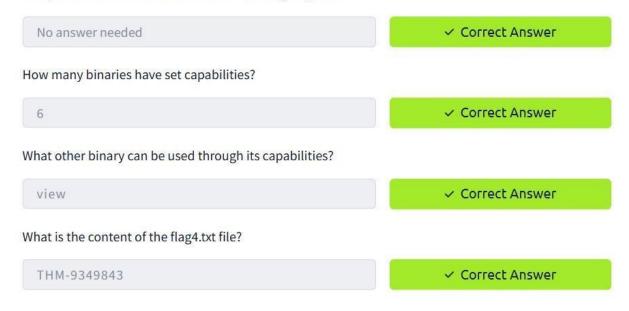
TASK 5: PRIVILEGE ESCALATION: KERNEL EXPLOITS

find and use the appropriate kernel exploit to gain root privileges on the target system.

No answer needed	✓ Correct Answer	♥ Hint
What is the content of the flag1.txt file?		
THM-28392872729920	✓ Correct Answer	
ASK 6 : PRIVILEGE ESCALATION : SUDO		
How many programs can the user "karen" run on the target sys	tem with sudo rights?	
3	✓ Correct Answer	
What is the content of the flag2.txt file?		
THM-402028394	✓ Correct Ans	swer
How would you use Nmap to spawn a root shell if your user had	I sudo rights on nmap?	
sudo nmapinteractive	✓ Correct Answer	
What is the hash of frank's password?		
\$6\$2.sUUDsOLlpXKxcr\$eImtgFExyr2ls4jsghdD3DHL	✓ Correct Ans	swer
ASK 7 : PRIVILEGE ESCALATION : SUID		
Which user shares the name of a great comic book writer?		
gerryconway	✓ Correct Ans	swer
What is the password of user2?		
Password1	✓ Correct Answer	
What is the content of the flag3.txt file?		
THM-3847834	✓ Correct Ans	swer

TASK 8: PRIVILEGE ESCALATION: CAPABILITIES

Complete the task described above on the target system



TASK 9: PRIVILEGE ESCALATION: CRON JOBS

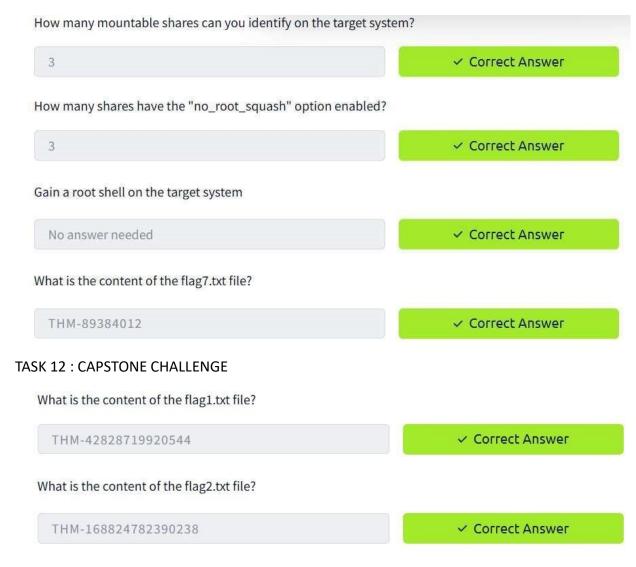


TASK 10: PRIVILEGE ESCALATION: PATH

What is the odd folder you have write access for?



TASK 11: PRIVILEGE ESCALATION: NFS



CONCLUSION:

Tryhackme platform demonstrate linux privilege escalation task is successfully executed.