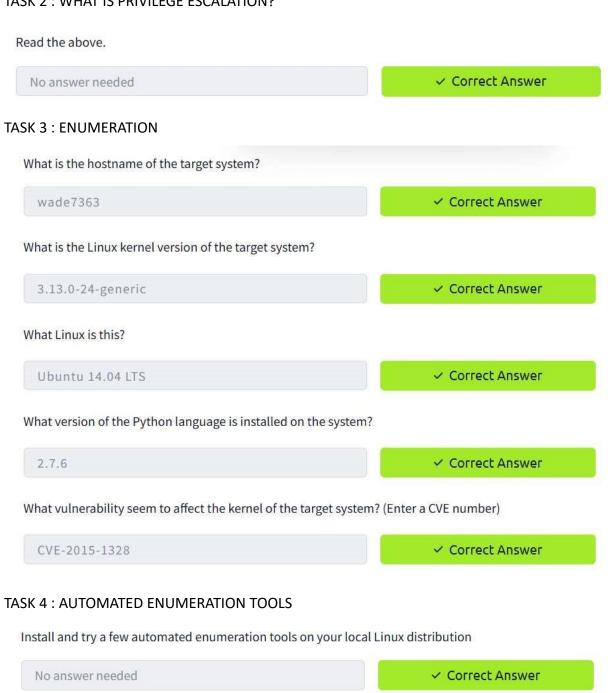
EX NO: 6 DEMONSTRATE LINUX PRIVILEGE ESCALATION NAME: MOHAMED ARSATH

DATE: 2.4.2025 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?



## TASK 5: PRIVILEGE ESCALATION: KERNEL EXPLOITS

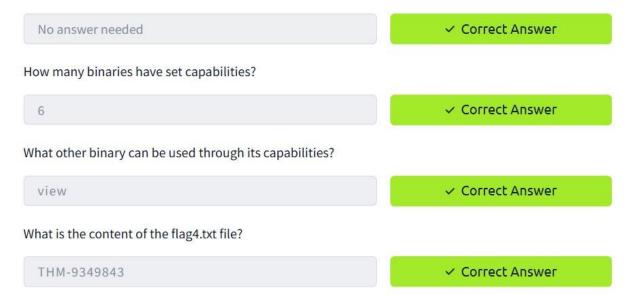
find and use the appropriate kernel exploit to gain root privileges on the target system. ✓ Correct Answer ∀ Hint No answer needed What is the content of the flag1.txt file? THM-28392872729920 ✓ Correct Answer TASK 6: PRIVILEGE ESCALATION: SUDO How many programs can the user "karen" run on the target system with sudo rights? 3 ✓ Correct Answer What is the content of the flag2.txt file? THM-402028394 ✓ Correct Answer How would you use Nmap to spawn a root shell if your user had sudo rights on nmap? sudo nmap --interactive ✓ Correct Answer What is the hash of frank's password? \$6\$2.sUUDsOLIpXKxcr\$eImtgFExyr2ls4jsghdD3DHL ✓ Correct Answer TASK 7: PRIVILEGE ESCALATION: SUID Which user shares the name of a great comic book writer? ✓ Correct Answer gerryconway What is the password of user2? ✓ Correct Answer Password1 What is the content of the flag3.txt file?

✓ Correct Answer

TASK 8: PRIVILEGE ESCALATION: CAPABILITIES

THM-3847834

Complete the task described above on the target system



## TASK 9: PRIVILEGE ESCALATION: CRON JOBS

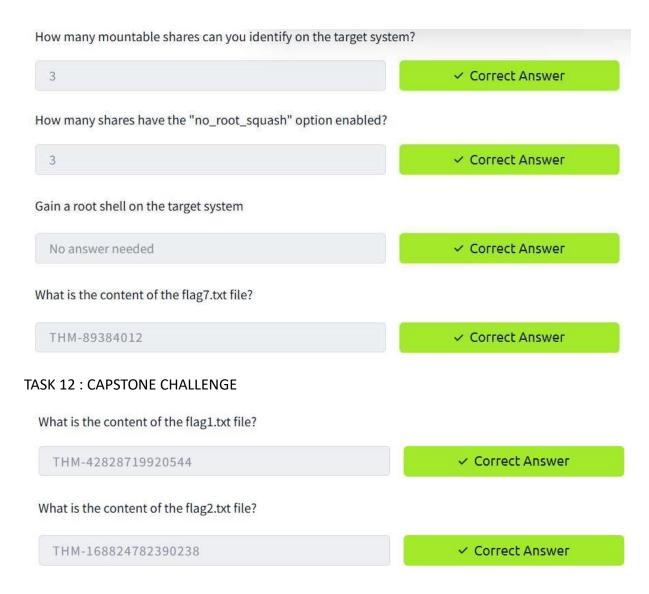


TASK 10: PRIVILEGE ESCALATION: PATH

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.