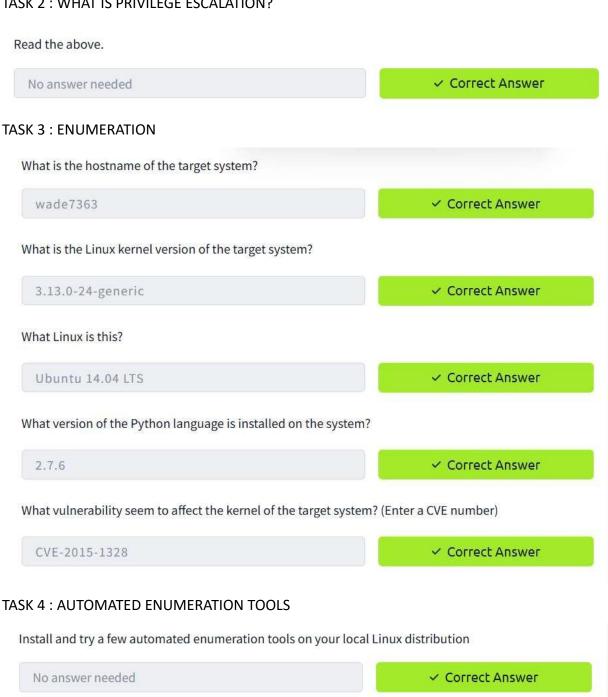
DEMONSTRATE LINUX PRIVILEGE ESCALATION EX NO: 6 NAME: UDAYA SANKAR C

DATE: 2.4.2025 **ROLL NO: 231901058**

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

No answer needed

How many binaries have set capabilities?

6

Correct Answer

What other binary can be used through its capabilities?

view

Correct Answer

What is the content of the flag4.txt file?

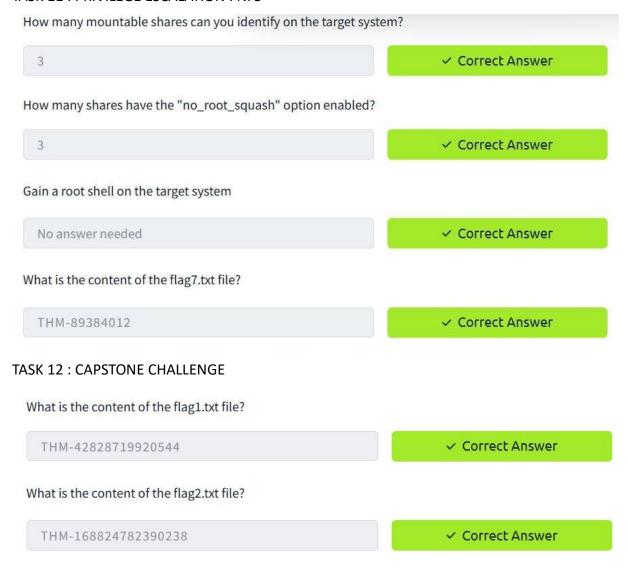
THM-9349843

TASK 9: PRIVILEGE ESCALATION: CRON JOBS

How many user-defined cron jobs can you see on the target system?

TASK 10 : PRIVILEGE ESCALATION : PATH What is the odd folder you have write access for? /home/murdoch Exploit the \$PATH vulnerability to read the content of the flag6.txt file. No answer needed What is the content of the flag6.txt file? THM-736628929 Correct Answer Correct Answer Hint V Correct Answer

TASK 11: PRIVILEGE ESCALATION: NFS



CONCLUSION:

Tryhackme platform demonstrate linux privilege escalation task is successfully executed.