EX NO: 6 DEMONSTRATE LINUX PRIVILEGE ESCALATION NAME: Hemanth kumar

DATE: 2.4.2025 ROLL NO: 231901010

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?

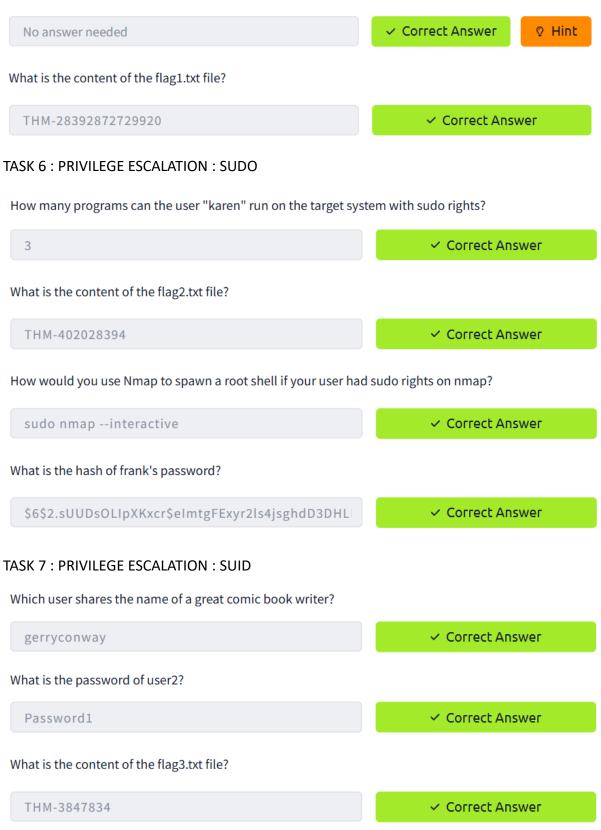
Read the above. ✓ Correct Answer No answer needed **TASK 3: ENUMERATION** What is the hostname of the target system? ✓ Correct Answer wade7363 What is the Linux kernel version of the target system? 3.13.0-24-generic ✓ Correct Answer What Linux is this? ✓ Correct Answer Ubuntu 14.04 LTS What version of 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) ✓ Correct Answer CVE-2015-1328 **TASK 4: AUTOMATED ENUMERATION TOOLS**

Install and try a few automated enumeration tools on your local Linux distribution

No answer needed ✓ Correct Answer

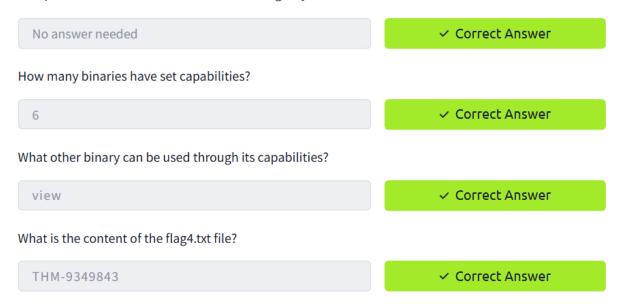
TASK 5: PRIVILEGE ESCALATION: KERNEL EXPLOITS

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

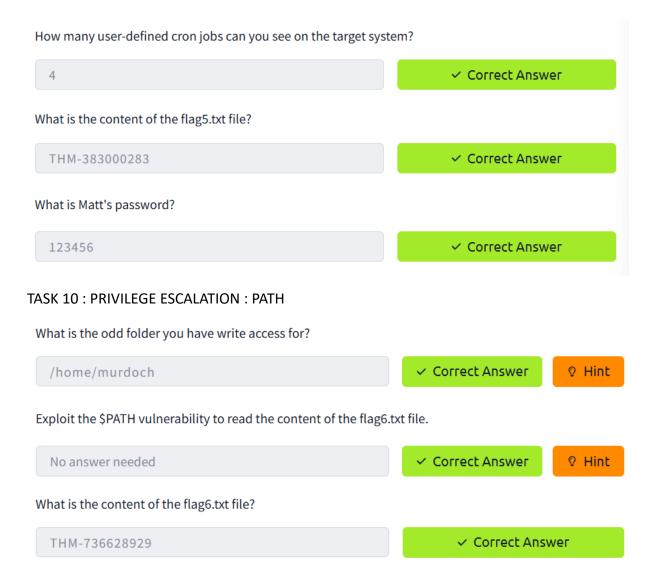


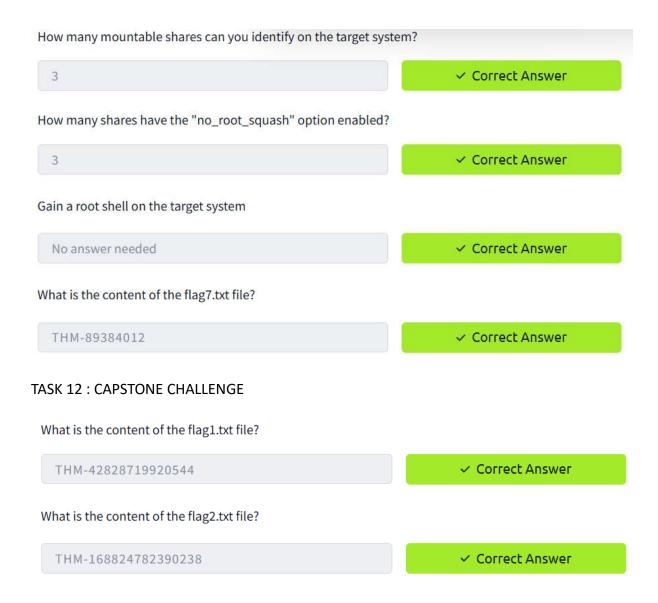
TASK 8: PRIVILEGE ESCALATION: CAPABILITIES

Complete the task described above on the target system



TASK 9: PRIVILEGE ESCALATION: CRON JOBS





CONCLUSION:

Tryhackme platform demonstrate linux privilege escalation task is successfully executed.