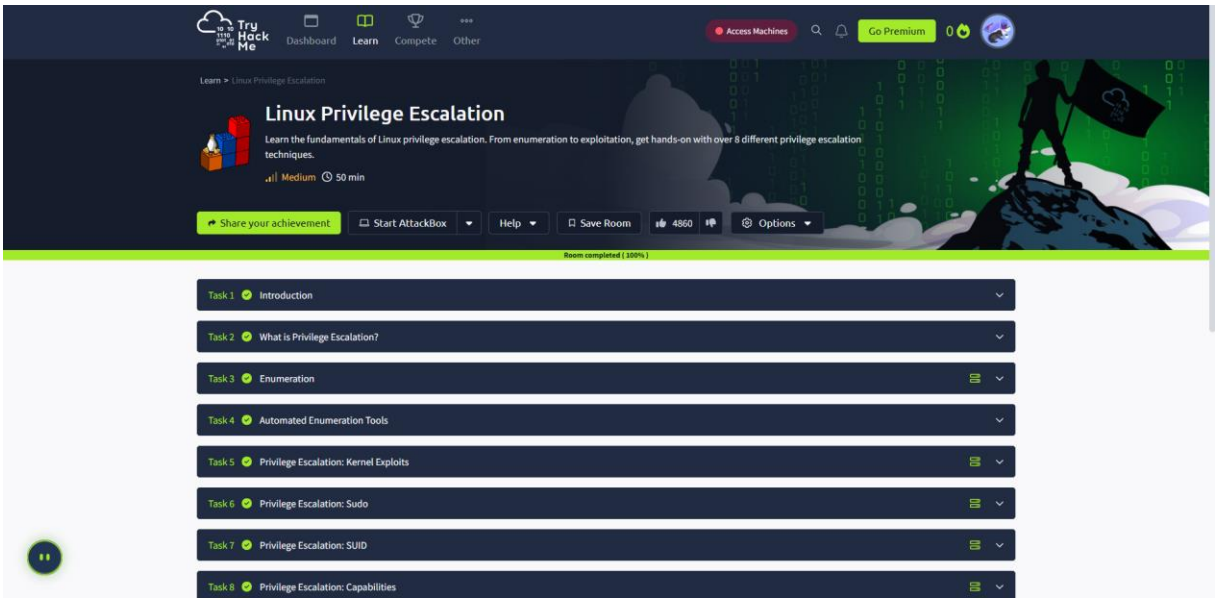
Ex.no: 6 Roll no: 231901004

DATE: 09.04.2025

DEMONSTRATE LINUX PRIVILEGE ESCALATION

AIM:

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



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?

Ubuntu 14.04 LTS ✓ Correct Answer

What version of the Python language is installed on the system?

2.7.6 ✓ Correct Answer

What vulnerability seem to affect the kernel of the target system? (Enter a CVE number)

CVE-2015-1328 ✓ Correct Answer

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

No answer needed ✓ Correct Answer

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

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

Which user shares the name of a great comic book writer?

gerryconway ✓ Correct Answer

What is the password of user2?

Password1 ✓ Correct Answer

What is the content of the flag3.txt file?

THM-3847834 ✓ Correct Answer

Complete the task described above on the target system

No answer needed ✓ Correct Answer

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 ✓ Correct Answer

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

4 ✓ Correct Answer

What is the content of the flag5.txt file?

THM-383000283 ✓ Correct Answer

What is Matt's password?

123456 ✓ Correct Answer

What is the odd folder you have write access for?

/home/murdoch ✓ Correct Answer Hint

Exploit the $PATH vulnerability to read the content of the flag6.txt file.

No answer needed ✓ Correct Answer Hint

What is the content of the flag6.txt file?

THM-736628929 ✓ Correct Answer

How many mountable shares can you identify on the target system?

3 ✓ Correct Answer

How many shares have the "no_root_squash" option enabled?

3 ✓ Correct Answer

Gain a root shell on the target system

No answer needed ✓ Correct Answer

What is the content of the flag7.txt file?

THM-89384012 ✓ Correct Answer

What is the content of the flag1.txt file?

THM-42828719920544 ✓ Correct Answer

What is the content of the flag2.txt file?

THM-168824782390238 ✓ Correct Answer

Result:

Thus, Tryhackme platform demonstrate linux privilege escalation task is successfully executed.