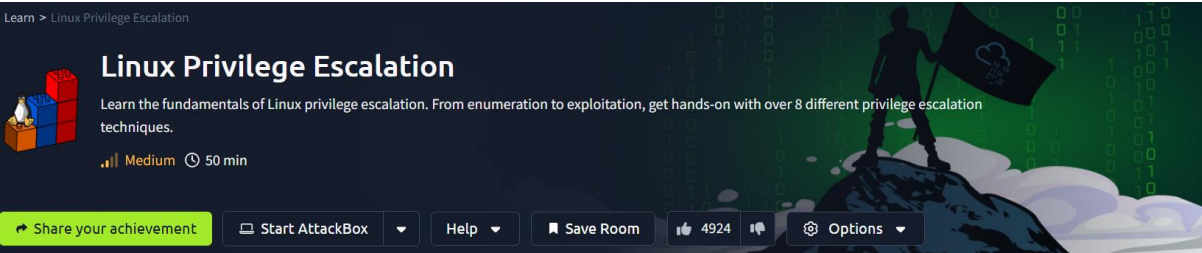


Learn > Linux Privilege Escalation



Linux Privilege Escalation

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

🔥 Medium ⌚ 50 min

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Task 2 ✔ What is Privilege Escalation?

Task 3 ✔ Enumeration

Answer the questions below

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

Task 4 ✔ Automated Enumeration Tools

Task 5 ✔ Privilege Escalation: Kernel Exploits

Answer the questions below

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

Task 6 ✔ Privilege Escalation: Sudo

Answer the questions below

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\$eImtgFExyr2ls4jsghdD3DHLHHP9X50lv.jNmwo/BJpphrPRJWjelWEz2HH.joV14aDEwW1c3CahzB1uaq€

✓ Correct Answer

Task 7 ✓ Privilege Escalation: SUID



Answer the questions below

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

Task 8 ✓ Privilege Escalation: Capabilities



Answer the questions below

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

Task 9 ✓ Privilege Escalation: Cron Jobs



Answer the questions below

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

Task 10 ✔ Privilege Escalation: PATH



Answer the questions below

What is the odd folder you have write access for?

/home/murdoch

✓ Correct Answer

🔍 Hint

Exploit the SPATH 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

Task 11 ✔ Privilege Escalation: NFS



Answer the questions below

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

Task 12 ✔ Capstone Challenge



Answer the questions below

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