## **Linux Privilege Escalation**

#### **EX.NO-06**

DATE: 26-03-2025

#### AIM:

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

### **PROCEDURE:**

- Task 1 Introduction
- Task 2 What is Privilege Escalation?
- Task 3 Enumeration
- Task 4 Automated Enumeration Tools
- Task 5 Privilege Escalation: Kernel Exploits
- Task 6 Privilege Escalation: Sudo
- Task 7 Privilege Escalation: SUID
- Task 8 Privilege Escalation: Capabilities
- Task 9 Privilege Escalation: Cron Jobs
- Task 10 Privilege Escalation: PATH
- Task 11 Privilege Escalation: NFS
- Task 12 Capstone Challenge **Task 1 Introduction**:



### Task 2 What is Privilege Escalation?:



### **Task 3 Enumeration:**



#### **Task 4 Automated Enumeration Tools:**



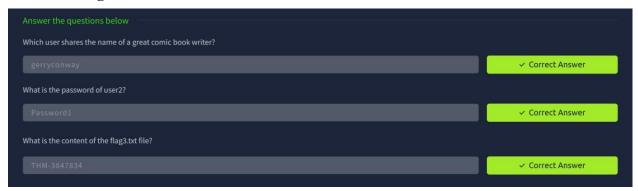
Task 5 Privilege Escalation: Kernel Exploits:



Task 6 Privilege Escalation: Sudo:



# **Task 7 Privilege Escalation: SUID:**



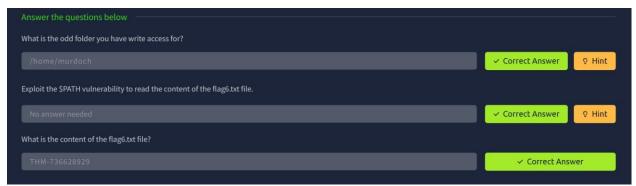
## Task 8 Privilege Escalation: Capabilities:



Task 9 Privilege Escalation: Cron Jobs:



## Task 10 Privilege Escalation: PATH:



# Task 11 Privilege Escalation: NFS:



**Task 12 Capstone Challenge:** 



# **RESULT:**

Thus the Linux Privilege Escalation is completed using tryhackme platform.