

Cyber Security and Digital
Forensics Internship

ASSIGNMENT 14
LINUX PRIVILEGE
ESCALATION

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DOON UNIVERSITY

Drive Link -

<https://drive.google.com/drive/folders/1WCK00ki1F3lFPTTo7y5tdSmeKcrDeWjvs?usp=sharing>

TRYHACKME ROOM 1

tryhackme.com/room/basicpentestingjt

Room completed (100%)

Me BASIC PENTESTING

Watch on YouTube

Task 1 Web App Testing and Privilege Escalation

Created by	Room Type	Users in Room	Created
ashu	Free Room. Anyone can deploy virtual machines in the room (without being subscribed!)	272,962	2132 days ago


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02:10 PM 31-05-2025

TRYHACKME ROOM 2

The screenshot shows the completion page for the 'Linux Privilege Escalation' room on TryHackMe. At the top, a browser tab is open to `tryhackme.com/room/linprivesc`. The page features a circular profile picture of a penguin on a stack of colorful blocks. Below it, a large green checkmark icon is displayed. The main heading reads 'Congratulations on completing Linux Privilege Escalation!!!' followed by a party popper emoji. A row of five dark blue boxes displays the following statistics: 'Points earned' (208), 'Completed tasks' (12), 'Room type' (Walkthrough), 'Difficulty' (Medium), and 'Streak' (1). At the bottom of this row are two buttons: 'Leave Feedback' and 'Next'. The Windows taskbar at the bottom shows the time as 04:39 PM on 31-05-2025.

tryhackme.com/room/linprivesc



Congratulations on completing Linux Privilege Escalation!!! 🎉

Points earned 🔥 208	Completed tasks ✅ 12	Room type 👤 Walkthrough	Difficulty 📊 Medium	Streak 🔥 1
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[Leave Feedback](#) [Next](#)

The screenshot shows the overview page for the 'Linux Privilege Escalation' room. The header includes the room title and a description: 'Learn the fundamentals of Linux privilege escalation. From enumeration to exploitation, get hands-on with over 8 different privilege escalation techniques.' It also indicates a 'Medium' difficulty and a '50 min' duration. Below the header, there are buttons for 'Share your achievement', 'Start AttackBox', 'Help', 'Save Room', and 'Options'. The main content area lists 12 tasks in a scrollable list, each with a green checkmark icon indicating completion. The tasks are: 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, and Task 12: Capstone Challenge. The Windows taskbar at the bottom shows the time as 04:39 PM on 31-05-2025.

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

[Share your achievement](#) [Start AttackBox](#) [Help](#) [Save Room](#) [4996](#) [Options](#)


👤 Completed (100%)

- 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

TRYHACKME ROOM 3

tryhackme.com/room/linuxstrengthtraining

Woop woop! Your answer is correct



Congratulations on completing Linux Strength Training!!! 🎉

Points earned 224	Completed tasks 9	Room type Walkthrough	Difficulty Easy	Streak 1
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Leave Feedback

Next

tryhackme.com/room/linuxstrengthtraining

Linux Strength Training

Guided room for beginners to learn/reinforce linux command line skills

Share your achievement Start AttackBox Help Save Room 2033 Options

Been completed (100%)

Title	Target IP Address	Expires
LST Room V2 VM	10.10.125.145	9min 23s

Task 1 Intro

Task 2 Finding your way around linux - overview

Task 3 Working with files

Task 4 Hashing - introduction

Task 5 Decoding base64

Task 6 Encryption/decryption using gpg

Task 7 Cracking encrypted gpg files

Task 8 Reading SQL databases

Task 9 Final Challenge

