



Cross-Platform Elevation of Privileges

CR108

04
Days

Cross-Platform Elevation of Privileges

Outline

In this course, students will learn to leverage sophisticated scalability methods and misconfiguration, in various operating systems. Students will also learn how to escalate privileges using local and remote exploits and techniques.



Target Audience

- Beginners and intermediate level ethical hackers.
- Students who are about to take or are thinking about taking the PWK/OSCP course.
- Penetration Testers who want to improve their infrastructure PT skills.



Prerequisites

Before attending this course, students must have the following:

- Working knowledge of the Linux OS.
- Working knowledge of the Windows OS.
- Knowledge of information security, computer networking, and common protocols.
- An understanding of security-related terms.



Objectives

Upon completing this course, graduates will be able to:

- Perform privilege escalate in any operation system, by exploiting vulnerabilities that system administrators create, or via service misconfigurations.
- Search for vulnerabilities in an OS, and exploit them.



Content

Day
1

Module 01

Local Privilege Escalation in Windows OS

- | Windows Local Escalation technics

Day
1

Module 02

Post Exploitation

- | Post Exploitation Techniques
- | Credential Extraction
- | Persistence & Hidden Users
- | Covering the Tracks

Day
2

Module 03

Local Privilege Escalation in Linux OS

- | Linux Local Privilege Escalation technics

Day
2

Module 04

Linux Remote Escalation

- | Automated Tasks
- | Bad Path Configuration

Day
3

Module 05

Windows Advanced Remote Escalation

- | DLL Hijacking
- | DLL Injection
- | Exploiting Unquoted Services
- | Exploiting Group Policy Preferences

Day
4

Module 06

Architecture Vulnerabilities

- | Dirty COW
- | Eternal Blue

Day
4

Module 07

Pivoting

- | PsExec & WMIexec
- | Pass the Hash & NTLM
- | Session Hijacking



Perform privilege escalation in any operation system, by exploiting vulnerabilities"



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