

Linux Security Fundamentals (LFS216)

Duration: 4 Days

Audience: This Course is for Participants starting with Linux Security

Format: This hands-on class is approximately 70/30 lab to lecture ratio, combining engaging lecture, demos, group activities and discussions with comprehensive machine-based practical labs.

Prerequisites: Basic Linux command line skills are required. Familiarity with Linux OS (CentOS or Fedora) is highly recommended.

Course Outline

Chapter 1. Course Introduction

Chapter 2. Security Basics

Chapter 3. Threats and Risk Assessment

Chapter 4. Physical Access

Chapter 5. Logging

Chapter 6. Auditing and Detection

Chapter 7. Application Security

Chapter 8. Kernel Vulnerabilities

Chapter 9. Authentication

Chapter 10. Local System Security

Chapter 11. Network Security

Chapter 12. Network Services Security

Chapter 13. Denial of Service

Chapter 14. Remote Access

Chapter 15. Firewalling and Packet Filtering

Chapter 16. Response and Mitigation

Chapter 17. Compliance Testing with OSCP