

Linux Security Fundamentals (LFS216)

Modality: On Demand

Duration:

This course is a comprehensive look at the security challenges that can affect almost every system, especially with the seamless connectivity we seek from the Internet. The class starts with an overview of computer security and touches on how security affects everyone in the chain of development, implementation, administration and the end user.

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 OSCAP

