

**Document Generated:** 12/18/2025

**Learning Style:** On Demand

**Technology:**

**Difficulty:** Beginner

**Course Duration:**

## Containers Fundamentals (LFS253)



This course will teach you how to do container and image operations with different container runtimes, manage network and storage (volumes) with containers, build and run multi-container applications with Docker, Podman, Docker APIs, etc.

### Course Outline:

- Chapter 1. Course Introduction
- Chapter 2. Virtualization Fundamentals
- Chapter 3. Virtualization Mechanisms
- Chapter 4. Container Standards and Runtimes
- Chapter 5. Image Operations
- Chapter 6. Container Operations
- Chapter 7. Building Container Images
- Chapter 8. Container Networking
- Chapter 9. Container Storage
- Chapter 10. Runtime and Containers Security