

DevOps for Network Engineers (LFS266)

Modality: On Demand

Duration:

This course will teach you how to integrate into a DevOps/Agile environment, commonly used DevOps tools, how DevOps teams collaborate on projects, how to confidently work with software and configuration files in version control, how to recognize the roles of SCRUM team members, how to confidently apply Agile principles in an organization, and more.

Course Outline:

Chapter 1. Course Introduction

Chapter 2. Modern Project Management

Chapter 3. The DevOps Process: A Network Engineer's Perspective

Chapter 4. Network Simulation and Testing with Mininet

Chapter 5. OpenFlow and ONOS

Chapter 6. Infrastructure as Code (Ansible Basics)

Chapter 7. Version Control (Git)

Chapter 8. Continuous Integration and Continuous Delivery (Jenkins)

Chapter 9. Using Gerrit in DevOps

Chapter 10. Jenkins, Gerrit and Code Review for DevOps

Chapter 11. The DevOps Process and Tools (Review)