LFS263 - ONAP Fundamentals

Modality: Self-Paced Learning

Duration: 20 Hours

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Learn, Master

About this course:

Open source networking projects are transforming how service providers and enterprises develop, deploy, and scale their networks and next-generation services. The ONAP project orchestrates and manages network services based on Network Functions Virtualization (NFV) and Software Defined Networking (SDN) to bring agility, higher customer satisfaction and lower costs.

Is your organization embarking on an SDN/NFV transformation journey? Do you believe open source software will play a critical role in this journey? Are you unclear how to manage and orchestrate network services for your SDN/NFV use case? Do you want to gain a hands-on understanding of how ONAP works across the design, runtime and closed loop automation? If yes, this course is for you — in addition to the theoretical learning, the course includes lab exercises that you can run on the Google Cloud Platform for a deeper learning of each of ONAP's functional areas.

This course is designed to provide a fundamental understanding and basic hands-on knowledge of the ONAP project and a guide for navigating, participating, and benefiting from the ONAP community. The course is also meant for vendors that wish to determine how to position or sell their products into the ONAP ecosystem.

The average salary of a Virtualization Engineer is **$109,173** per year.

Course Objective:

This course aims to provide you the conceptual and hands-on skills around ONAP, focusing on:

- The basics of Network Function Virtualization (NFV)
- An introduction to The Linux Foundation ONAP project
- Overview of the ONAP project's architecture, subprojects and demos
- Hands-on learning through four self-paced labs you can run on GCP

Audience:

- Technologists
- Virtualization Engineer

Prerequisite:

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Course Outline:

- **Welcome & Introduction**
- **Introduction to Network Function Virtualization**
- **ONAP Scope and Key Concepts**
- **ONAP Architecture**
- **ONAP Subprojects**
- **ONAP Use Cases**