

# Kubernetes for App Developers (LFD459)

3jours / 21h

## Target audience

- Containerize and deploy a new Python script
- Configure the deployment with ConfigMaps, Secrets and SecurityContexts
- Understand multi-container pod design
- Configure probes for pod health
- Update and roll back an application
- Implement services and NetworkPolicies
- Use PersistentVolumeClaims for state persistence
- And more

## Prerequisites

This course is designed to be vendor- and distribution-neutral, so you will be able to apply these concepts universally.

## Course Outline

To get the most out of this course, you should have basic Linux command line and file editing skills and be familiar with using a programming language (such as Python, Node.js, Go). A knowledge of Cloud Native application concepts and architectures (such as is taught in the free Introduction to Kubernetes edX MOOC) is helpful for this course.