



Kubernetes training Syllabus

In this 2-days course you will learn the basic architecture and building blocks of a Kubernetes cluster.

We will step by step introduce new cloud-native concepts, by running and deploying a sample micro-service application. We will focus on giving you hands-on exercises, to be able to solve common day-to-day tasks for a typical devops person.

Topics:

- Container refresher - good old docker
- Kubernetes building blocks - architecture
- Let's start typing - command-line basics (kubectl)
- Deploy with imperative commands - run, get, delete
- What about constantly changing IPs? - services
- How to manage frequently changing data? - configs and secrets
- Does my app still work? - health-checks
- Single entry point for external traffic - ingress
- How to safely release a new version - deployment strategies

