



OPENSHIFT

Training 'Usage' – difficulty ★★☆☆

2 days (14h)

Pricing for a session : On demand

TEACHING GOALS

At the end of the course :

- ✓ You understand the different **components of OpenShift**
- ✓ You know how **to deploy an application in OpenShift**
- ✓ You know **the best practices** regarding the development of an application on **an OpenShift platform**

Prerequisites
Master the basic concepts of Docker

Recommended for :
Developers / System administrators / DevOps Engineers

DETAILED CONTENT

Day 1

Presentation

- ✓ Goals
- ✓ Introduction
- ✓ K8s
- ✓ OpenShift

First Steps

- ✓ Objectifs
- ✓ Practice environment
- ✓ Web interface (dashboard)
- ✓ OC client
- ✓ How to log myself
- ✓ The objects
- ✓ YAML
- ✓ Summary

The Run objects

- ✓ The projects
- ✓ Deployment of a test application
- ✓ The roads
- ✓ The services
- ✓ The labels
- ✓ The pods

The Build objects

- ✓ The imageStream
- ✓ The buildconfig

Day 2

The configuration objects

- ✓ The configmaps
- ✓ The secrets
- ✓ Summary

The triggers

- ✓ The triggers :config change
- ✓ The triggers :Image change
- ✓ The webhooks
- ✓ Summary

Advanced Usage

- ✓ The templates
- ✓ The links OpenShift<>Jenkins
- ✓ The account services
- ✓ How to debug it