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Sign up

OpenShift 4 Migration Training

We support you in your migration to OpenShift Container Platform 4

3 days (21 hours)

OpenShift 4 Migration Training Overview

This OpenShift4 Migration training course will help you successfully migrate from OpenShift 3 to the new OpenShift 4 version.

The benefits of this migration are considerable, with many features that are essential for better management, such as :

- Cluster installation, which provides an infrastructure for controlling all areas of AWS installation process. This feature enables clusters to be provisioned from scratch in just a few minutes.
- Kubernetes-based Event-driven Auto-scaling (KEDA), which accelerates the development of serverless functions
- The OpenShift Service Mesh, which combines the Jaeger, Istio and Kiali projects encode communication logic. The OpenShift Service Mesh solves the main weaknesses of previous OpenShift versions (such as better service analysis, transaction tracking, etc.).

OpenShift Container Platform 4 marks a significant change in the way OpenShift Container Platform clusters are deployed, managed and developed.

This OpenShit training course for developers will use the latest stable version of the project: OpenShift 4.17.

Objectives

- Successfully migrate to OpenShift 4

Target audience

- Developers
- Directors
- Engineers
- Project managers

Prerequisites

Knowledge Linux system administration and OpenShift architecture.

OpenShift 4 Migration Training Program

PLANNING

Several scenarios are available to you, depending on the hosting mode: on-premise, cloud or hybrid. A migration schedule will be drawn up according to your technological context.

DEPLOYMENT

Bootstrapping and provisioning. Flexibility is the name of the game.

UPDATE

Checking for updates via the CVO "Cluster Version Operator

RIGHTS MANAGEMENT

Mastering OLM (Operator Lifecycle Manager)

NETWORK

New features include:- NetworkPolicy plugin- Cluster-wide proxy configuration- Easier management of flow rules

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.