Managing Virtual Machines with Red Hat OpenShift Virtualization (DO316)

ID DO316 **Price** 3,600.— €(excl. VAT) **Duration** 4 days

Who should attend

- Virtual Machine Administrators who want to virtualize workloads from traditional Hypervisors to OpenShift Virtualization
- Platform Engineers, Cloud Administrators, and System Administrators who want to support virtualized workloads, either independently from or in the same OpenShift cluster as containerized workloads

This course is part of the following Certifications

Red Hat Certified Specialist in OpenShift Data Virtualization (RHSC-OSDV)

Prerequisites

- Take our free assessment to gauge whether this offering is the best fit for your skills
- Red Hat OpenShift Administration I: Operating a Production Cluster (DO180) is recommended but not required
- Linux skills are not required to manage OpenShift clusters and OpenShift Virtualization but managing individual Linux VMs requires Linux sysadmin skills provided by:
- Red Hat System Administration I (RH124) and Red Hat System Administration II (RH134) for managing the OS inside a Linux VM.

Course Objectives

Impact on the organization

OpenShift Virtualization allows organizations to realize operational savings by managing virtualized workloads and containerized workloads together using the same orchestration and clustering infrastructure provided by Red Hat OpenShift.

Deploying Virtual Machines (VMs) on OpenShift also eases integration of traditional server-based applications with more modern cloud-native applications and their supporting practices such as CI/CD, DevOps, and SRE to take advantage of quicker time-to-market and other benefits from these practices, without having to first redesign virtualized workloads as container-native workloads.

Impact on the individual

- IT professionals will learn to deploy and manage virtualized workloads on OpenShift.

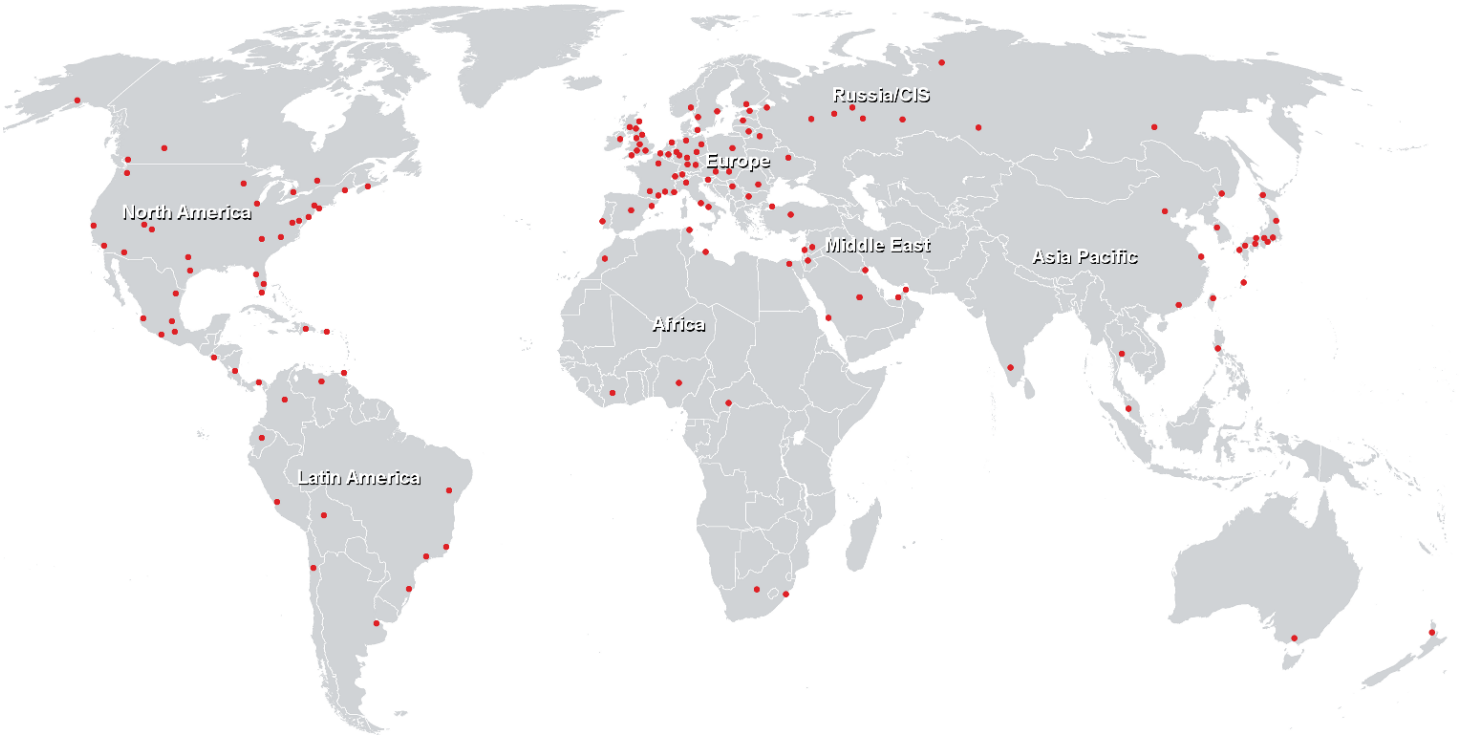
Course Content

This course provides:

- Skills required to create, access, and manage VMs on OpenShift clusters
- Skills required to control usage and access of cpu, memory, storage, and networking resources from VMs using the same Kubernetes features that would also control usage and access to these resources for containers
- Sample architectures to manage High Availability (HA) of VMs using standard Kubernetes features and extensions from OpenShift Virtualization
- Strategies to connect VMs on OpenShift to data center services outside of their OpenShift cluster, such as storage and databases
- Strategies to migrate VMs from compatible hypervisors to OpenShift Virtualization by using the Migration Toolkit for Virtualization operator

Managing Virtual Machines with Red Hat OpenShift Virtualization (DO316)

Training Centres worldwide



Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch