Red Hat OpenShift Installation Lab (DO322)

ID DO322 **Price** CHF 1,870.—(excl. VAT) **Duration** 2 days

Who should attend

- Cluster administrators (Junior systems administrators, junior cloud administrators) interested in deploying additional clusters to meet increasing demands from their organizations.
- Cluster engineers (Senior systems administrators, senior cloud administrators, cloud engineers) interested in the planning and design of OpenShift clusters to meet performance and reliability of different workloads and in creating work books for these installations.
- Site reliability engineers (SREs) interested in deploying test bed clusters to validate new settings, updates, customizations, operational procedures, and responses to incidents.

Prerequisites

- Achieving the Red Hat Certified Specialist in OpenShift Administration certification on OpenShift 4 is strongly recommended, or at least taking Red Hat OpenShift Administration II: Configuring a Production Cluster (DO280) before taking this course.
- “Equivalent knowledge of Kubernetes” is not applicable here because performing anything other than a very minimal, all-defaults Full Stack Automated installation of OpenShift on a cloud provider requires knowledge of OpenShift cluster operators.
- Achieving the Red Hat Certified System Administrator (RHCSA) certification or equivalent knowledge of Red Hat Enterprise Linux system administration before taking DO322 is also strongly recommended.

Course Objectives

Impact on the organization

This course supports IT Operations teams whose organizations are either starting or expanding their Container Adoption Journeys. Proper planning and execution of installation steps help to ensure successful production environments that are more stable, secure, and reliable.

Impact on the individual

This course teaches skills required to plan and provision OpenShift clusters on cloud providers and on-site data centers, using virtual machines and physical servers, such as:

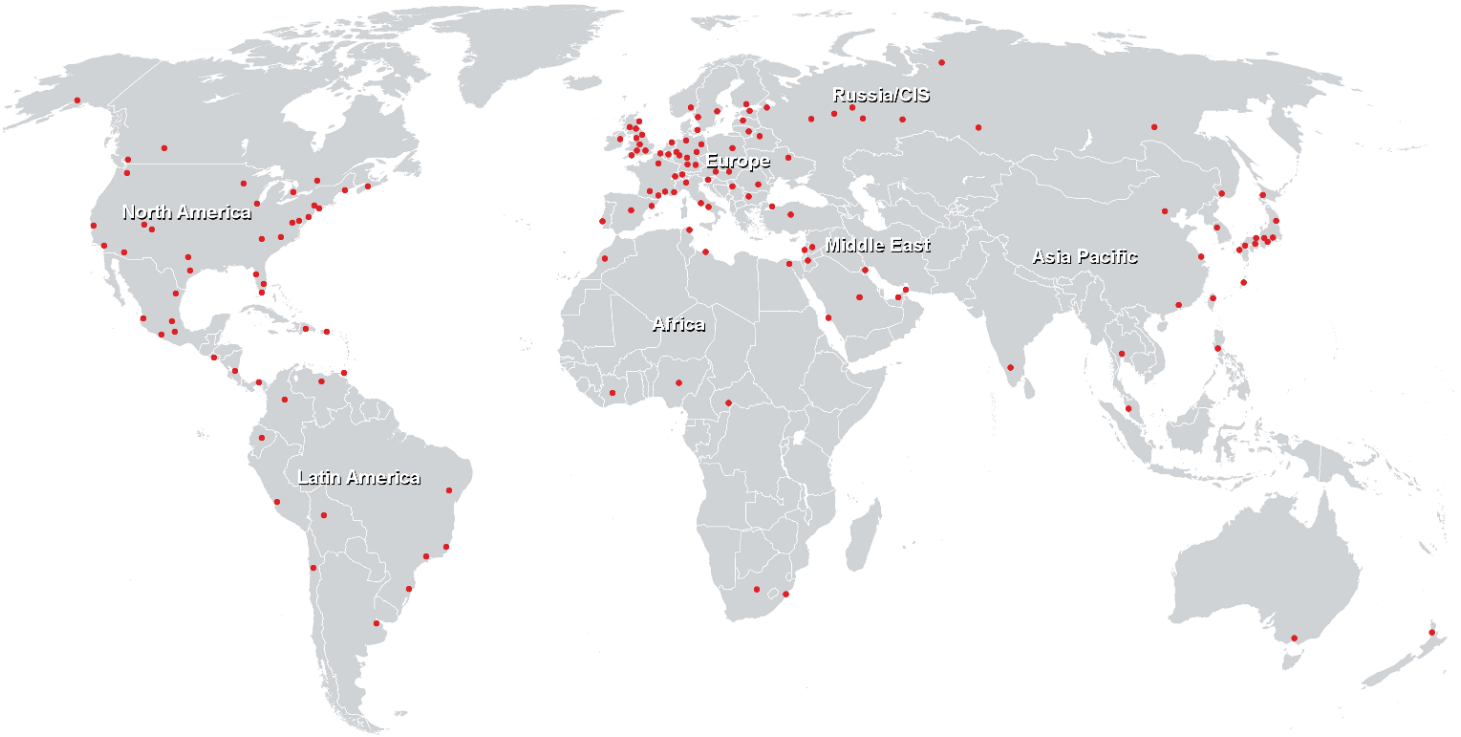
Assessing whether to employ the Full Stack Automation or Pre-existing Infrastructure installation methods. Customizing the OpenShift installation settings to match a target deployment scenario. Monitoring the OpenShift installation process to identify and, if possible, fix issues. Assessing the health of a just-installed OpenShift cluster, and assessing the need to perform additional tasks before on-boarding users and applications.

Course Content

- Validate infrastructure prerequisites for an OpenShift cluster.
- Run the OpenShift installer with custom settings.
- Describe and monitor each stage of the OpenShift installation process.
- Collect troubleshooting information during an ongoing installation, or after a failed installation.
- Complete the configuration of cluster services in a newly installed cluster.

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Training Centres worldwide





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