Red Hat OpenShift Development I: Introduction to Containers with Podman and exam (DO189)

Cursusduur: 4 Dagen **Cursuscode: DO189** **Trainingsmethode: Maatwerk**

Beschrijving:

A developer introduction to building and managing containers with Podman for deploying applications on Red Hat OpenShift.
Red Hat OpenShift Development I: Introduction to Containers with Podman (DO188) introduces students to building, running, and managing containers with Podman and Red Hat OpenShift. This course helps students build the core skills for developing containerized applications through hands-on experience. These skills can be applied using all versions of OpenShift, including Red Hat OpenShift on AWS (ROSA), Azure Red Hat OpenShift (ARO), and OpenShift Container Platform.
As a result of attending this course, you will understand the foundations of container-based application development. You will be able to run, manage, and troubleshoot containerized applications. This course is the starting point for the OpenShift developer curriculum and provides the foundation you will need to advance to cloud-native developer courses.
This package (course + exam) is based on Red Hat® Enterprise Linux® 9, Podman 5 and Red Hat OpenShift® 4.18 and includes an exam voucher
Note: *Starting January 2026 this bundle (Course + Exam) only exists in CR (classroom) if scheduled or Closed course modalities.*
If you are targeting a virtual class, please consider DO188LS the new RHLS-course subscription which includes as well an exam voucher.
Updated Jan2026

Maatwerk

Global Knowledge biedt zowel standaard- als maatwerkcursussen die zijn afgestemd op uw wensen en die als besloten cursus op uw eigen locatie of onze locatie gevolgd kunnen worden.

Doelgroep:

Developers and Site Reliability Engineers that are new to container technology.

Doelstelling:

- After this course participants should be able to:
- Understand containers
- Run containers with Podman CLI and Podman Desktop
- Build custom container images
- Manage container images
- Remote debugging with containers
- Understand Basic container networking
- Persist data with containers
- Run multi-container applications
- Troubleshoot Container Deployments
- Orchestrate containers with OpenShift and Kubernetes

Vereiste kennis en vaardigheden:

- Some experience with web application architectures and their corresponding technologies is expected
- Experience in the use of a Linux terminal session, issuing operating system commands, and familiarity with shell scripting is recommended

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

Examens en certificering

- Red Hat Certified Specialist in Containers Exam (EX188) - exam voucher included

Vervolgcursussen:

- Red Hat OpenShift Development II: Containerizing Applications (DO288)
- Introduction to Microsoft Azure Red Hat OpenShift (DO121)
- DO288 - Red Hat OpenShift Developer II: Building and Deploying Cloud-native Applications

Cursusinhoud:

Introduction and overview of containers

Describe how containers facilitate application development.

Podman basics

Manage and run containers with Podman.

Container images

Navigate container registries to find and manage container images.

Custom container images

Build custom container images to containerize applications.

Persisting data

Run database containers with persistence.

Troubleshooting containers

Analyze container logs and configure a remote debugger.

Multi-container applications with compose

Run multi-container applications using Compose.

Container orchestration with Kubernetes and OpenShift

Orchestrate containerized applications with Kubernetes and OpenShift.

Extra informatie:

Official course book provided to participants.

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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