

Red Hat OpenShift Developer II: Building and Deploying Cloud-native Applications

Kód kurzu: DO288

Red Hat OpenShift Developer II: Building Kubernetes Applications (DO288) teaches you how to design, build, and deploy containerized software applications on an OpenShift cluster. Whether you are migrating existing applications or writing container-native applications, you will learn how to boost developer productivity powered by Red Hat® OpenShift Container Platform, a containerized application platform that allows enterprises to manage container deployments and scale their applications using Kubernetes. This course is based on Red Hat OpenShift Container Platform 4.10.

Pobočka	Dní	Katalogová cena	ITB
Praha	4	2 540 €	0
Bratislava	4	2 540 €	0

Všetky ceny sú uvedené bez DPH.

Termíny kurzu

Dátum	Dní	Cena kurzu	Typ výučby	Jazyk výučby	Lokalita
10.11.2025	5	2 540 €	Online	EN	Online
 10.11.2025	5	2 540 €	Online	EN	Red Hat - Online
24.11.2025	5	2 540 €	Online	CZ/SK	Knowledge Factory - Online
01.12.2025	5	2 540 €	Online	EN	Online
01.12.2025	5	2 540 €	Online	EN	Red Hat - Online
08.12.2025	5	2 540 €	Online	EN	Red Hat - Online
15.12.2025	4	2 540 €	Prezenčný	EN	Knowledge Factory
26.01.2026	5	2 540 €	Online	EN	Red Hat - Online
16.02.2026	5	2 540 €	Online	EN	Red Hat - Online
16.03.2026	5	2 540 €	Online	EN	Red Hat - Online

Všetky ceny sú uvedené bez DPH.

Pre koho je kurz určený

- Enterprise application developers
- DevOps site reliability engineers

Čo Vás naučíme

- Design containerized applications for OpenShift.
- Manage and trigger application builds using Source-to-Image (S2I).
- Customize an existing source-to-image base image.
- Deploy multi-container applications using Helm Charts.
- Create health checks to monitor and improve application reliability.
- Create and deploy cloud-native applications on OpenShift.

Požadované vstupné znalosti

- Complete the Introduction to Containers, Kubernetes, and Red Hat OpenShift course (DO180), or have equivalent knowledge
- Being a Red Hat Certified System Administrator or having earned a higher certification is helpful for navigation and usage of the command line, but is not required

Impact of this training

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

Red Hat OpenShift Developer II: Building and Deploying Cloud-native Applications

This course provides application developers with the essential skills to design, build, and deploy containerized applications, whether they are migrating existing applications to OpenShift, or creating new cloud-native applications. It provides the gateway to organizational and digital transformation by demonstrating the potential of DevOps using a container-based architecture.

As developers seek ways to improve application time to market for minimum viable products, containers and OpenShift have quickly become the de facto solution for agile development and application deployment. A container-based architecture, orchestrated with Kubernetes and OpenShift, improves application reliability and scalability while decreasing developer overhead and facilitating continuous deployment.

Impact on the individual

You will learn about the fundamental concepts behind containerizing, scaling, deploying, and managing applications in Red Hat OpenShift Container Platform. You will acquire these skills:

- Design container images to containerize applications.
- Customize application builds and use Source-to-Image builds.
- Deploy multi-container applications.
- Implement health checks to improve system reliability.

Recommended next exam or course

- Red Hat Certified Specialist in OpenShift Application Development exam (EX288)
- Building Resilient Microservices with Istio and Red Hat OpenShift Service Mesh (D0328)
- Red Hat Cloud-native Microservices Development with Quarkus (D0378)
- Developing Applications with Red Hat OpenShift Serverless and Knative (D0244)

Študijné materiály

Príručka ku kurzu firmy Red Hat podľa programu kurzu.

Osnova kurzu

Deploy and manage applications on an OpenShift cluster

- Deploy applications using various application packaging methods to an OpenShift cluster and manage their resources.

Design containerized applications for OpenShift

- Select a containerization method for an application and create a container to run on an OpenShift cluster.

Publish enterprise container images

- Create an enterprise registry and publish container images to it.

Manage builds on OpenShift

- Describe the OpenShift build process, in addition to triggering and managing builds.

Customize source-to-image builds

- Customize an existing S2I base image and create a new one.

Deploy multi-container applications

- Deploy multi-container applications using Helm charts and Kustomize.

Manage application deployments

- Monitor application health and implement various deployment methods for cloud-native applications.

Build applications for OpenShift

- Create, deploy, and integrate third-party applications on OpenShift.

GOPAS Praha
Kodáňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved