Red Hat Certified Technologist in OpenShift Exam

Kód kurzu: EX180

The Red Hat Certified Technologist in OpenShift exam (EX180) tests the knowledge, skills, and ability to plan, deploy, and manage applications in a Red Hat OpenShift Container Platform environment.By passing this exam, you become a Red Hat Certified Technologist in OpenShift.This exam is based on Red Hat OpenShift Container Platform 4.18.

Pro koho je kurz určen

Platform engineers, system administrators moving into container orchestration, cloud administrators, enterprise architects, Site Reliability Engineers (SREs), DevOps engineers, and anyone tasked with ensuring the availability and health of containerized applications.

Co Vás naučíme

To help you prepare, the exam objectives highlight the task areas you can expect to see covered in the exam. Red Hat reserves the right to add, modify, and remove exam objectives. Such changes will be made public in advance.
Candidates for this exam should be able to perform the following tasks:

Manage OpenShift Container Platform

- Install the OpenShift CLI tool
- Inspect Kubernetes resources using both the CLI and the Web UI

Deploy applications on OpenShift

- Create Linux containers and Kubernetes pods
- Find and inspect container images
- Deploy applications from an image and from a template
- Scale and expose applications to external access

Manage storage for application configuration and data

- Externalize the configuration of applications
- Provision persistent data volumes

Configure applications for reliability

- Configure application health probes
- Reserve and limit compute capacity for applications
- Configure application autoscaling

Požadované vstupní znalosti

- Red Hat System Administration I (RH124)
- and
- Red Hat System Administration II (RH134)
- or equivalent experience recommended.
- Red Hat OpenShift Administration I: Operating a Production Cluster
- or equivalent experience.

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