

D0280 – Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster

Red Hat

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About this Course:

- 4 Days
- Instructor-led training
- Intermediate
- English

Red Hat OpenShift Administration II: Operating a Production Kubernetes Cluster (D0280) teaches you how to configure, troubleshoot, and manage Red Hat® OpenShift® Container Platform. This hands-on, lab-based course shows you how to verify the successful installation of a cluster, manage it on a day-to-day basis, and troubleshoot the

deployment of containerized applications.

This course is based on Red Hat® Enterprise Linux® 8.2 and OpenShift Container Platform 4.5.

Course Goals/Skills Gained:

- Describe the Red Hat OpenShift Container Platform cluster installation and update processes
- Troubleshoot application deployments
- Configure authentication using local users
- Control access to projects using role-based access control (RBAC)
- Expose applications to clients external to the cluster using TLS encryption
- Configure network isolation between services and applications using network policies
- Configure application scheduling using labels and selectors
- Limit compute resource usage of applications with resource limits and quotas
- Manage a cluster and deployed applications with the Web Console
- Install Kubernetes Operators with the Web Console

Audience:



- This course is designed for system administrators, system architects, and developers who want to install and configure Red Hat OpenShift Container Platform.
 - System and Software Architects interested in understanding features and functionality of an OpenShift cluster.

- System Administrators interested in the ongoing management of clusters and containerized applications.
- Cluster Operators interested in managing access to cluster resources by users and applications.
- Site Reliability Engineers interested in the ongoing maintenance and troubleshooting of a cluster.

Course Format:

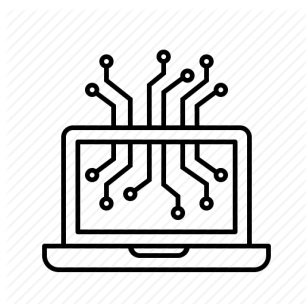
	
Присъствен (Classroom) Курс в Учебната ни зала или В Офис на Клиент	Онлайн (Online/Virtual) Курс във виртуална зала с инструктор

Course Language Option

	
Български (Bulgarian)	Английски (English)

You can choose the language in which the training will be conducted – Bulgarian or English. All our instructors are fluent in English.

Student Guides:



The training materials are available in electronic format. They can be used online / offline on any device. Lifetime access.

Lab Environment:



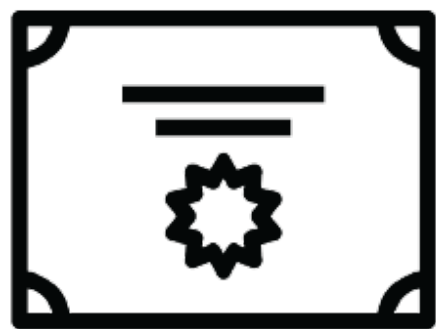
Each student has their own lab environment where the exercises are conducted, part of the course. You do not need to install software on a computer or special hardware requirements.

Participants in a face-to-face format in our Training Center have an individual computer during the training.

At Course Completion:



**Lifetime Access - Video
Archive 24/7**



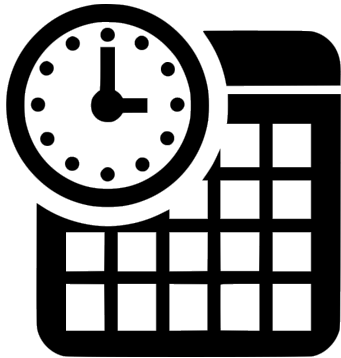
**Certificate of Course
Completion**

Lifetime access to a video archive with recording

of each individual lecture.

Official internationally recognized certificate
for completed training course.

Course Duration:



- 4 working days (09:00 – 17:00)

or

- 32 hours training (theory and practice) in non-working hours lasting 4 weeks

Saturday and Sunday 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00

Monday and Wednesday 19:00 – 23:00

Tuesday and Thursday 19:00 – 23:00

Payments :



An application for an invoice is accepted at the time of enrollment in the respective course.

An invoice is issued within 7 days of confirming the payment.

Upcoming Courses



- There are no upcoming events.

For more information, use the contact form.

We will contact you to confirm the dates.

Prerequisites:

- Become a Red Hat Certified System Administrator, or demonstrate equivalent Red Hat Enterprise Linux system administration experience
 - Complete [Red Hat OpenShift I: Containers & Kubernetes \(D0180\)](#), or demonstrate equivalent experience with containers, Kubernetes, and OpenShift basics
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The course prepares for the following
certification levels

- **EX280 – Red Hat Certified Specialist in OpenShift Administration exam**
- [You can be certified in our test center with a voucher with a discount on the price of the exam.](#)