

# **D0180 – Red Hat OpenShift I: Containers & Kubernetes**

**Red Hat**

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### **About this Course:**

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

**Learn to build and manage containers for deployment on a Kubernetes and Red Hat OpenShift cluster**

Red Hat OpenShift I: Containers & Kubernetes (D0180) helps you build core knowledge in managing containers through hands-on experience with containers, Kubernetes, and the Red Hat® OpenShift® Container Platform. These skills are needed for multiple roles, including developers, administrators, and site reliability engineers.

This course is based on Red Hat OpenShift Container Platform 4.5.

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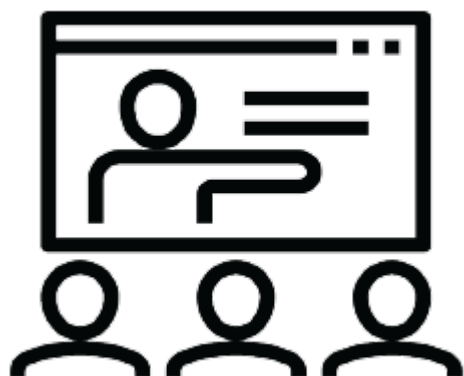
## Course Goals/Skills Gained:

- Understand container and OpenShift architecture.
  - Create containerized services.
  - Manage containers and container images.
  - Create custom container images.
  - Deploy containerized applications on Red Hat OpenShift.
  - Deploy multi-container applications.
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## Audience:

- Developers who wish to containerize software applications
  - Administrators who are new to container technology and container orchestration
  - Architects who are considering using container technologies in software architectures
  - Site reliability engineers who are considering using Kubernetes and Red Hat OpenShift
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## 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



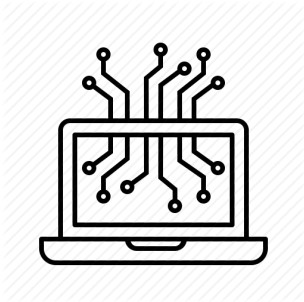
**Български (Bulgarian)**



**Английски (English)**

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

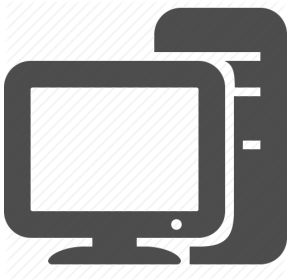
## Student Guides:



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

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## 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.

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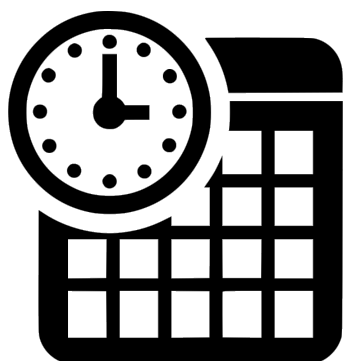
## At Course Completion:

	
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.

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## 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
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## 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.

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## Upcoming Courses



- There are no upcoming events.

For more information, use the contact form.

We will contact you to confirm the dates.

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## Prerequisites:

- Be able to use a Linux terminal session, issue operating system commands, and be familiar with shell scripting
- Have experience with web application architectures and their corresponding technologies
- Being a Red Hat Certified System Administrator (RHCSA®) is recommended, but not required

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**The course prepares for the following certification levels**

- **Red Hat Certified Specialist in Containers and Kubernetes exam (EX180)**
- [You can be certified in our test center with a voucher with a discount on the price of the exam.](#)