

Training: Red Hat
DO380 Red Hat OpenShift Administration II: High Availability



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1800 EUR	4 days
Traditional	CTAB Tablet	1900 EUR	4 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Red Hat OpenShift Administration II teaches you how to build robust clusters that provide high availability and the ability to run large numbers of applications. You will learn about OpenShift integration with datacenter infrastructure such as load balancers, identity management, monitoring, proxies, and storage. You will also develop more troubleshooting and Day 2 operations skills in this course.

This course is based on Red Hat® OpenShift Container Platform 3.6.

Audience for this course:

- This course is designed for Linux system administrators who want to deploy and manage a large-scale Red Hat OpenShift Container Platform environment in their datacenters.

CONSPECT:

- Design a highly available cluster
 - Design an OpenShift cluster that supports high availability and resiliency.
- Prepare to install an HA cluster
 - Configure the advanced installer and prepare the cluster environment for HA installation.
- Configure OpenShift to use custom certificates
 - Configure the OpenShift cluster to use custom certificates.
- Build an HA cluster
 - Use the advanced installation method to build an HA OpenShift cluster.
- Provision persistent storage
 - Describe storage providers, configure a provider, create a storage class, and test the

configuration.

- Enable log aggregation
 - Consolidate useful data for analysis by enabling the log aggregation feature.
- Maintain an OpenShift cluster
 - Perform recurring maintenance activities on an OpenShift cluster.
- Manage system resources
 - Manage operating system and cluster resources for optimal performance.
- Configure security providers
 - Configure security providers and advanced security options.
- Configure networking options
 - Configure various advanced networking features and options.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- Become a Red Hat Certified System Administrator, or demonstrate equivalent experience
- Attend Introduction to Containers, Kubernetes, and Red Hat OpenShift (DO180) or demonstrate equivalent experience with containers, Kubernetes, and OpenShift
- Attend Red Hat OpenShift Administration I (DO280) or demonstrate equivalent experience with OpenShift
- Recommended, but not required: become a Red Hat Certified Specialist in OpenShift Administration (EX280)

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.