

# Red Hat Certified Specialist in Deployment and Systems Management Exam (EX403)

ID EX403 Price CHF 557.—(excl. VAT) Duration 4 hours

## Who should attend

- System administrators responsible for managing large enterprise environments
- Red Hat Certified Engineers interested in becoming a Red Hat Certified Architect (RHCA)

## This course is part of the following Certifications

Red Hat Certified Specialist in Deployment and Systems Management (RHCOE-DEPLOYMENT-SYSTEMS-MGMT)

## Prerequisites

- Be a Red Hat Certified Engineer or Red Hat Certified System Administrator, or have comparable work experience and skills
- Have taken [Red Hat Satellite 6 Administration \(RH403\)](#) or have extensive work experience working with Red Hat Satellite server
- Review the exam objectives

## Preparation

Red Hat encourages you to consider taking the [Red Hat Satellite 6 Administration \(RH403\)](#) course to help prepare.

## Course Content

You should be able to perform these tasks:

### Configure Red Hat Satellite server

- Create and configure organizations and locations
- Create and configure users and roles

### Manage content and software products

- Synchronize Red Hat Enterprise Linux content
- Configure subscriptions, content, and content views
- Create custom products and repositories and populate them with software

- Create products with repository discovery
- Create and configure development life cycles
- Manage signing of custom RPMs

### Manage systems

- Register existing hosts
- Install custom software on clients
- Manage hosts with host collections
- Create and use activation keys
- Deploy Satellite capsule servers
- Publish and synchronize content to a Satellite capsule server

### Filter content with Content Views

- Apply updates to selected hosts
- Create content filters using Content Views

### Manage Ansible roles and remote execution

- Configure Ansible remote execution
- Manage Ansible roles and variables in Satellite
- Run remote jobs on managed hosts

### Provision clients

- Configure bare-metal deployments
- Prepare network configuration for provisioning on either a Satellite or a capsule server
- Provision bare metal and virtual clients using kickstarts
- Ensure remote executions are applied upon client installation

### Maintain Satellite

- Provision bare metal and virtual clients using kickstarts
- Perform Satellite maintenance
- Backup Satellite

As with all Red Hat performance-based exams, configurations must persist after reboot without intervention.

### Exam format

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This exam is a performance-based evaluation of systems deployment and management skills and knowledge. You will perform a number of systems administration tasks focused on configuring Red Hat Satellite server and then using that system to deploy client systems. You will be evaluated on whether you have met specific objective criteria. Performance-based testing means that you must perform tasks similar to what you perform on the job.

This exam can also be taken virtually as part of our remote testing format.

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## Training Centres worldwide



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