

# 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)

## 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

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

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

---

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.

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

---

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>