

## Red Hat Satellite 6 Administration (RH403)

**Duration: 4 Days    Course Code: RH403    Delivery Method: Virtual Learning**

### Overview:

#### Learn how to configure Red Hat Satellite 6 to deploy and manage Red Hat Enterprise Linux systems and software

Red Hat Satellite 6 Administration (RH403) is a lab-based course that explores the concepts and methods necessary for successful large-scale management of Red Hat® Enterprise Linux® systems.

As modern organizations migrate to large scale virtualized and container-native hybrid cloud environments, the number of virtual machines and application hosts has greatly increased and become more complex to manage and secure.

This course prepares senior system administrators to automate deployment, configuration, monitoring, building, and testing of managed hosts and the application workloads that run on those hosts.

Automating operations and management tasks with Red Hat Satellite Server greatly reduces downtime, provides more consistent deployments, reduces configuration errors, and eliminates security gaps by providing faster installation of errata and product fixes.

You will learn how to configure Red Hat Satellite 6 on a server and populate it with software packages.

You will use Red Hat Satellite to manage the software development life cycle of a subscribed host and its configuration, and learn how to provision hosts integrated with software and Ansible® configuration management upon deployment.

This course is based on Red Hat Enterprise Linux 8 and Red Hat Satellite 6.15.

**Note:** Starting January 1, 2026, Red Hat introduces RHLS-Course — a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.

When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.

Your RHLS subscription includes:

- One live, instructor-led virtual session
- 12 months of self-paced learning access
- One certification exam with a free retake

*Onsite Classroom-based sessions and closed course options remain unchanged.*

Updated Jan2026

#### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

### Target Audience:

Senior Red Hat Enterprise Linux system administrators responsible for the management of multiple servers and hybrid cloud enterprises up to a very large scale

### Objectives:

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| <ul style="list-style-type: none"> <li>■ After this course participants should be able to:</li> <li>■ Verify a Red Hat Satellite 6.15 installation.</li> <li>■ Regulate Red Hat Satellite with organizations, locations, users, and roles.</li> <li>■ Manage software with Red Hat Satellite environments and content views.</li> </ul> | <ul style="list-style-type: none"> <li>■ Use Red Hat Satellite to configure hosts with Ansible playbooks and roles.</li> <li>■ Provision hosts with integrated software and configuration management.</li> <li>■ Implement Metal-as-a-Service (MaaS) with Satellite discovery and provisioning of unprovisioned hosts.</li> </ul> |
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### Prerequisites:

- Achieve Red Hat Certified Engineer (RHCE) certification, or equivalent experience.
- Candidates are recommended but not required to have familiarity with Red Hat Satellite 6.

### Testing and Certification

Red Hat Certified Specialist in Deployment and Systems Management exam (EX403)  
Demonstrate your knowledge, skills, and ability to use Red Hat products, including Red Hat Enterprise Linux and Red Hat Satellite

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills [Red Hat Skills Assessment](#)

server, to deploy and manage systems in an efficient, scalable, replicable, and reliable manner.

### Follow-on-Courses:

#### ■ Red Hat Security: Linux in Physical, Virtual, and Cloud (RH415)

Manage the secure operation of servers running Red Hat Enterprise Linux, whether deployed on physical hardware, as virtual machines, or as cloud instances.

#### ■ Developing Advanced Automation with Red Hat Ansible Automation Platform (DO374)

Advance your Ansible skills and develop automation that scales by applying recommended practices with the new, container focused tools from Red Hat Ansible Automation Platform.

#### ■ Managing Enterprise Automation with Red Hat Ansible Automation Platform (DO467)

Manage complex Ansible automation workflows at cloud scale and prevent single points of failure.

#### ■ EX403 - Red Hat Certified Specialist in Deployment and Systems Management exam

#### ■ RH415 - Red Hat Security: Linux in Physical, Virtual, and Cloud

#### ■ DO447 - Advanced Automation: Red Hat Ansible Best Practices

### Content:

|                                                                                                                                                                              |                                                                                                                             |                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Plan and deploy Red Hat Satellite                                                                                                                                            | Create, manage, and deploy custom software products and repositories.                                                       | Manage Red Hat Satellite using the API                                                                                                                                                                              |
| Plan a Red Hat Satellite deployment, then perform installation and initial configuration of Red Hat Satellite servers.                                                       | Deploy Satellite capsule servers                                                                                            | Integrate Red Hat Satellite functionality with custom scripts or external applications that access the API over HTTP.                                                                                               |
| Manage software life cycles                                                                                                                                                  | Perform installation and initial configuration of Red Hat Satellite capsule servers as components of a deployment plan.     | Deploy Red Hat Satellite on a cloud platform                                                                                                                                                                        |
| Create and manage Red Hat software deployment life cycle environments.                                                                                                       | Run remote execution commands                                                                                               | Plan a Red Hat Satellite deployment on a cloud platform, including managed content hosts.                                                                                                                           |
| Register hosts                                                                                                                                                               | Configure the ability to run ad hoc and scheduled tasks on managed hosts using a variety of configuration management tools. | Perform Red Hat Satellite server maintenance                                                                                                                                                                        |
| Register and configure your Red Hat Enterprise Linux systems to use Red Hat Satellite, then organize those systems into groups for easier management.                        | Prepare network resources for host provisioning                                                                             | Manage Red Hat Satellite for security, recoverability, and growth.                                                                                                                                                  |
| Deploy software to hosts                                                                                                                                                     | Configure Satellite Server for host provisioning.                                                                           | Comprehensive review                                                                                                                                                                                                |
| Manage software deployment to registered hosts of your Red Hat Satellite infrastructure and practice managing environment paths, life cycle environments, and content views. | Provision hosts                                                                                                             | Verify and configure a Red Hat Satellite Server installation and provision content hosts.                                                                                                                           |
| Deploy custom software                                                                                                                                                       | Configure Satellite server for host deployment and perform host provisioning.                                               | Note: Course outline is subject to change with technology advances and as the nature of the underlying job evolves. For questions or confirmation on a specific objective or topic, contact one of our Red Hatters. |

## Additional Information:

Official course book provided to participants.

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## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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