Red Hat Satellite 6 Administration with exam (RH404)

Duration: 5 Days **Course Code: RH404** **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 package (course + exam) is based on Red Hat Enterprise Linux 8 and Red Hat Satellite 6.15 and includes an exam voucher.

Note: *Starting January 2026 this bundle (Course + Exam) only exists in CR (classroom) if scheduled or Closed course modalities.*
If you are targeting a virtual class, please consider RH403LS the new RHLS-course subscription which includes as well an exam voucher.

Updated Jan2026

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:

- **After this course participants should be able to:**
- Verify a Red Hat Satellite 6.15 installation.
- Regulate Red Hat Satellite with organizations, locations, users, and roles.
- Manage software with Red Hat Satellite environments and content views.
- Use Red Hat Satellite to configure hosts with Ansible playbooks and roles.
- Provision hosts with integrated software and configuration management.
- Implement Metal-as-a-Service (MaaS) with Satellite discovery and provisioning of unprovisioned hosts.

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.

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

Testing and Certification

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

Content:

Plan and deploy Red Hat Satellite

- Plan a Red Hat Satellite deployment, then perform installation and initial configuration of Red Hat Satellite servers.

Manage software life cycles

- Create and manage Red Hat software deployment life cycle environments.

Register hosts

- Register and configure your Red Hat Enterprise Linux systems to use Red Hat Satellite, then organize those systems into groups for easier management.

Deploy software to hosts

- Manage software deployment to registered hosts of your Red Hat Satellite infrastructure and practice managing environment paths, life cycle environments, and content views.

Deploy custom software

- Create, manage, and deploy custom software products and repositories.

Deploy Satellite capsule servers

- Perform installation and initial configuration of Red Hat Satellite capsule servers as components of a deployment plan.

Run remote execution commands

- Configure the ability to run ad hoc and scheduled tasks on managed hosts using a variety of configuration management tools.

Prepare network resources for host provisioning

- Configure Satellite Server for host provisioning.

Provision hosts

- Configure Satellite server for host deployment and perform host provisioning.

Manage Red Hat Satellite using the API

- Integrate Red Hat Satellite functionality with custom scripts or external applications that access the API over HTTP.

Deploy Red Hat Satellite on a cloud platform

- Plan a Red Hat Satellite deployment on a cloud platform, including managed content hosts.

Perform Red Hat Satellite server maintenance

- Manage Red Hat Satellite for security, recoverability, and growth.

Comprehensive review

- Verify and configure a Red Hat Satellite Server installation and provision content hosts.

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.

Further Information:

For More information, or to book your course, please call us on +1 (800) 268 7737

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