

# Red Hat Satellite 6 Administration (RH403)

**Duration:** 4 Days

**Course Description:**

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. 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 6.11.

**Intended 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

**Course Outlines:**

**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.

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