# Red Hat Satellite 6 Administration with exam (EX403)

## Duration: 5 Days    Course Code: RH404

## Overview:

**Learn how to install Red Hat Satellite 6**
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. Course participants will learn how to install Red Hat Satellite 6 on a server and populate it with software packages.
This course is based on Red Hat Enterprise Linux 7 and Red Hat Satellite server 6.
Students 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 Puppet configuration management upon deployment.
Note: If you are looking for training on Red Hat Satellite 5, please see our Red Hat Enterprise Deployment and Systems Management (RH401) course.

## Target Audience:

Senior Red Hat Enterprise Linux system administrators responsible for the management of multiple servers.

## Objectives:

- Install Red Hat Satellite 6.

- Learn about Red Hat Network organizations, locations, users and roles.

- Manage software with Red Hat Satellite environments and content views.

- Create custom RPM packages.

- Use Red Hat Satellite to configure hosts with Puppet.

- Provision hosts with integrated software and configuration management.

- Implement Metal-as-a-Service (MaaS) with Satellite discovery and provisioning of unprovisioned hosts.

## Prerequisites:

- RHCE® certification or equivalent experience
- Red Hat Satellite 5 experience

## Testing and Certification

The examination (EX403) is on the last day of the course.

## Content:

Red Hat Satellite 6 installation

Install Red Hat Satellite 6 on a server and populate it with Red Hat Enterprise Linux software content.

Manage users and hosts across organizations and locations

Effectively control user access for Red Hat Satellite administration.

Red Hat Satellite client registration

Register hosts to a Red Hat Satellite server, both interactively and automatically.

Manage software deployment through the software development life cycle

Control which packages hosts can install and which updates are propagated to hosts. Evaluate host deviations from corporate standards.

Build RPM packages

Create RPM packages for deployment of programs and files on client systems.

Deploy custom software using Red Hat Satellite

Incorporate non-Red Hat software packages into a Red Hat Satellite framework.

Manage system configurations with Puppet

Create and populate a Puppet repository within a Red Hat Satellite framework.

Standardize system configurations with Red Hat Satellite 6

Configure hosts using Puppet.

Deploy hosts with Satellite server

Deploy and provision hosts using PXE.

Configuration of Satellite server for enterprise system deployment

Configure host provisioning for integration with software and configuration management. Discover unprovisioned host and provision-discovered hosts.

NOTE: Course outline is subject to change as technology changes and as the nature of the underlying job evolves.

## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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