

## Red Hat Satellite 6 Administration with Exam

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<b>Code:</b>	RH404
<b>Length:</b>	5 days
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Red Hat Satellite 6 Administration 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. It also includes the Red Hat Certificate of Expertise in Deployment and Systems Management (EX403) exam based on Red Hat Satellite 6.

### Skills Gained

- Install Red Hat Satellite 6.
- 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.

### Who Can Benefit

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

### Prerequisites

- Recommend having a Red Hat Certified Engineer (RHCE) certification or equivalent experience
- Have Red Hat Satellite 5 experience

### Course Details

#### 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.

## **Register clients to Satellite server**

- 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 and 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 and discover unprovisioned host and provision-discovered hosts.

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