Document Generated: 11/03/2026

Learning Style: Virtual Classroom

Technology: Red Hat

Difficulty: Advanced

Course Duration: 5 Days

Red Hat Satellite 6 Administration (RH403VT)

About this course:

What is Red Hat? Red Hat, Inc. is an American multinational software company providing open-source software products to the enterprise community. Founded in 1993, Red Hat has its corporate headquarters in Raleigh, North Carolina, with satellite offices worldwide.

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.

The average salary for Red Hat System Administrator is **$72,762** per year.

Course Objective:

After completing this course, students will be able to:

- 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.

Audience:

This course is intended for:

- 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

Suggested prerequisites courses:

- Red Hat System Administration I (RH124)
- Red Hat System Administration II (Virtual Training) (RH134VT-EC)

Course Outline:

Red Hat Satellite installation
Install Red Hat Satellite 6 on a server and populate it with Red Hat Enterprise Linux software content.
Red Hat Satellite organization
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.
Incorporate software management into SDLC
Control which packages hosts can install and which updates are propagated to hosts. Evaluate host deviations from corporate standards.
Deploy custom software using Red Hat Satellite
Incorporate non-Red Hat software packages into a Red Hat Satellite framework.
Configuration management with Puppet
Create and populate a Puppet repository within a Red Hat Satellite framework.
Centralized management and deployment of system configurations
Configure hosts using Puppet.

Credly Badge:



Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your Linkedin profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

Find Out More or See List Of Badges