System Management with Red Hat Satellite 6

Category: Infrastructure & IT Operations | **Vendor:** Red Hat

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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 6.

About This Course

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.

Course content summary

- 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 Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

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

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Impact on the organization

This course is intended to develop the skills needed to more efficiently design, configure, test, and deploy computer systems within an organization. Doing so will reduce unexpected downtime of systems and facilitate more efficient deployment of new systems, applications and features.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

As a result of attending this course, students should be able to leverage the software development life-cycle process to plan, create, test, and provision host systems within an organization.

Students should be able to demonstrate the following skills:

- Installation of Red Hat Satellite 6
- Software life-cycle management of software used to provision and maintain configured hosts within a controlled production environment

Detailed Course Outline

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 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.

Skills You Will Learn:

Impact on the organization

This course is intended to develop the skills needed to more efficiently design, configure, test, and deploy computer systems within an organization. Doing so will reduce unexpected downtime of systems and facilitate more efficient deployment of new systems, applications and features.

Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

As a result of attending this course, students should be able to leverage the software development life-cycle process to plan, create, test, and provision host systems within an organization.

Students should be able to demonstrate the following skills:

- Installation of Red Hat Satellite 6
- Software life-cycle management of software used to provision and maintain configured hosts within a controlled production environment

Frequently Asked Questions

Q: What delivery options are available for System Management with Red Hat Satellite 6?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 4-day System Management with Red Hat Satellite 6 course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the System Management with Red Hat Satellite 6 training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for System Management with Red Hat Satellite 6?

Yes, we provide corporate training, dedicated training, and closed classes for System Management with Red Hat Satellite 6. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: System Management with Red Hat Satellite 6, Advanced System Administration, RH403

Q: Why choose Nexus Human for System Management with Red Hat Satellite 6?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your System Management with Red Hat Satellite 6 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 19/10/2026.