Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS)

Category: Networking & Security | **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

Related Exam: Red Hat Certified Specialist in Deployment and Systems Management; RH403

Course Overview

Are you still managing Red Hat Enterprise Linux systems manually? Enterprise IT teams managing thousands of Linux systems rely on Red Hat Satellite to automate provisioning, updates, and compliance—cutting manual effort by up to 75%. In this hands-on training course, you'll learn how to configure and maintain Red Hat Satellite 6.11 to manage the full lifecycle of Red Hat Enterprise Linux (RHEL) systems. Through real-world labs, you'll deploy Satellite servers, manage content views, automate host provisioning, and integrate Ansible for streamlined configuration. This is the course that equips you for successful large-scale management of Red Hat Enterprise Linux systems—and helps you become a Red Hat Certified Specialist in Deployment and Systems Management. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat's validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

About This Course

Are you still managing Red Hat Enterprise Linux systems manually? Enterprise IT teams managing thousands of Linux systems rely on Red Hat Satellite to automate provisioning, updates, and compliance—cutting manual effort by up to 75%. In this hands-on training course, you'll learn how to configure and maintain Red Hat Satellite 6.11 to manage the full lifecycle of Red Hat Enterprise Linux (RHEL) systems. Through real-world labs, you'll deploy Satellite servers, manage content views, automate host provisioning, and integrate Ansible for streamlined configuration. This is the course that equips you for successful large-scale management of Red Hat Enterprise Linux systems—and helps you become a Red Hat Certified Specialist in Deployment and Systems Management. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat's validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

Who Should Attend

This course is designed for senior Red Hat Enterprise Linux system administrators who manage large-scale server environments. Ideal candidates are responsible for software life cycles, provisioning, automation, and managing multiple RHEL systems using centralized tools.

Prerequisites & Entry Requirements

General Prerequisites:

- Achieve Red Hat Certified Engineer (RHCE) certification, or equivalent experience.
- Candidates are recommended but not required to have familiarity with Red Hat Satellite 6.

Learning Outcomes

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

Verify a Red Hat Satellite 6.11 installation. Regulate Red Hat Satellite with organizations, locations, users, and roles. Manage software with Red Hat Satellite environments and content views. Use Red Hat Satellite to configure hosts with Ansible playbooks and roles. Provision hosts with integrated software and configuration management. Implement Metal-as-a-Service (MaaS) with Satellite discovery and provisioning of unprovisioned hosts.

Detailed Course Outline

1 – Plan and deploy Red Hat Satellite

- Design and execute a Red Hat Satellite Server deployment
- Perform installation and initial configuration of Red Hat Satellite

2 – Manage software life cycles

- Create and manage content views
- Use Satellite to manage the software development life cycle

3 – Register hosts

- Register Red Hat Enterprise Linux systems
- Organize those systems into groups for easier management

4 – Deploy software to hosts

- Configure Red Hat Satellite to deploy software packages
- Manage content views and life cycle environments

5 – Deploy custom software

- Create and synchronize custom repositories
- Populate Red Hat Satellite Server with external content

6 – Deploy Satellite capsule servers

- Perform installation and configuration of Red Hat Satellite capsule servers
- Extend content delivery across infrastructure

7 – Run remote execution commands

- Configure remote task execution on managed hosts
- Integrate Ansible for configuration management upon deployment

8 – Prepare network resources for host provisioning

- Enable PXE booting and DHCP services
- Support Metal-as-a-Service (MaaS) provisioning

9 – Provision hosts

- Learn how to provision hosts integrated with software and configuration tools
- Automate initial configuration of Red Hat Enterprise Linux systems

10 – Manage Red Hat Satellite using the API

- Access Red Hat Satellite Server APIs
- Integrate with external tools for lifecycle automation

11 – Deploy Red Hat Satellite on a cloud platform

- Support Red Hat Satellite deployment across hybrid cloud environments
- Manage Red Hat Enterprise Linux system lifecycles in cloud settings

12 – Perform Satellite server maintenance

- Plan for backup, recovery, and scaling
- Ensure secure, stable management of Red Hat® Enterprise Linux® systems

13 – Comprehensive review

- Validate configuration of Red Hat Satellite
- Prepare for Red Hat Certified Specialist in Deployment and Systems Management exam

Frequently Asked Questions

Q: What delivery options are available for Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS)?

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: Which exam does this course prepare me for?

This course prepares you for the Red Hat Certified Specialist in Deployment and Systems Management; RH403 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 4-day Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS) 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 Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS) 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 Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS). 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: Why choose Nexus Human for Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS)?

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 Red Hat Satellite 6 Administration - Red Hat Learning Subscription Course (RH403LS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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