Red Hat Satellite 6 Administration (RH403) Eğitimi

Süre: **5 Gün**

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Overview

Learn how to configure Red Hat Satellite 6 to deploy and manage Red Hat Enterprise Linux systems and software

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. You will learn how to configure Red Hat Satellite 6 on a server and populate it with software packages. You 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 Ansible® configuration management upon deployment.

This course is based on Red Hat Enterprise Linux 8 and Red Hat Satellite 6.15.

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.

Who Should Attend

Senior Red Hat Enterprise Linux system administrators responsible for the management of multiple servers and hybrid cloud enterprises up to a very large scale

What You Will Learn

- Verify a Red Hat Satellite 6.15 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.

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Outline

Plan and deploy Red Hat Satellite
: Plan a Red Hat Satellite deployment, then perform installation and initial configuration of Red Hat Satellite servers.

Manage software life cycles
: Create and manage Red Hat software deployment life cycle environments.

Register hosts
: Register and configure your Red Hat Enterprise Linux systems to use Red Hat Satellite, then organize those systems into groups for easier management.

Deploy software to hosts
: Manage software deployment to registered hosts of your Red Hat Satellite infrastructure and practice managing environment paths, life cycle environments, and content views.

Deploy custom software
: Create, manage, and deploy custom software products and repositories.

Deploy Satellite capsule servers
: Perform installation and initial configuration of Red Hat Satellite capsule servers as components of a deployment plan.

Run remote execution commands
: Configure the ability to run ad hoc and scheduled tasks on managed hosts using a variety of configuration management tools.

Prepare network resources for host provisioning
: Configure Satellite Server for host provisioning.

Provision hosts
: Configure Satellite server for host deployment and perform host provisioning.

Manage Red Hat Satellite using the API
: Integrate Red Hat Satellite functionality with custom scripts or external applications that access the API over HTTP.

Deploy Red Hat Satellite on a cloud platform
: Plan a Red Hat Satellite deployment on a cloud platform, including managed content hosts.

Perform Red Hat Satellite server maintenance
: Manage Red Hat Satellite for security, recoverability, and growth.

Comprehensive review
: Verify and configure a Red Hat Satellite Server installation and provision content hosts.