

## Red Hat Satellite 6 Administration (RH403)

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Live Training
- **Data:** 17 Out. 2022 a 21 Out. 2022
- **Preço:** 2668€
- **Horário:** Laboral - das 9h00 às 15h00
- **Nível:** Avançado
- **Duração:** 27 horas

### **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.

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.

This course is based on Red Hat Enterprise Linux 8 and Red Hat Satellite 6.6.

## Diagnóstico de Competências

Teste previamente os seus conhecimentos, ou os da sua equipa, em:

- Red Hat Satellite
- Ansible
- RH JBoss Enterprise Application Platform
- RH Gluster Storage
- RH OpenShift

- RH OpenStack Platform
- RH Enterprise Linux 7
- RH Fuse
- RH Camel
- RH AMQ
- RH Ceph Storage
- RH Identity Management
- RH Enterprise Linux 8

[Aceda aqui ao diagnóstico!](#)

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## Destinatários

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

- Recommend having a Red Hat Certified Engineer (RHCE) certification or equivalent experience
  - Have Red Hat Satellite 6 experience
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## Objetivos

- 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.

### **Benefits to the organization**

This course develops the skills needed to more efficiently design, configure, test, and deploy computer systems within an organization. The ability to apply these skills will reduce unexpected downtime of systems and facilitate more efficient deployment of new systems, applications, and features.

### **Benefits to the individual**

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

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## Programa

### **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.

### **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.

## **Plan a Red Hat Satellite deployment on a cloud platform**

Plan a Red Hat Satellite deployment, installation, and initial configuration on a cloud platform.

## **Perform Red Hat Satellite server maintenance**

Manage Red Hat Satellite for security, recoverability, and growth.

## **Comprehensive review**

Install and configure Red Hat Satellite Server, then provision content hosts.