



RH401: Red Hat Enterprise Deployment and Systems Management

Outline for this course:

Essential system management

- Set high-level goals for effective system management.

Install Red Hat Satellite

- Install a Red Hat Satellite server, and populate it with software channel content.

Red Hat Satellite organization

- Create and manage Red Hat Satellite organizations, users, and system groups.

Use Subversion to manage changes

- Initialize and configure a Subversion repository, start a new Subversion project, and manage revisions using Subversion.

Red Hat Satellite client configuration

- Register client machines with Red Hat Satellite both interactively and in automated ways.

Red Hat Satellite software management

- Configure Red Hat Satellite with custom and cloned software channels to manage software updates on client systems.

Build RPM packages

- Create RPM packages for use with Red Hat Satellite to enable the deployment of programs and files on client systems.

Configuration file management with Satellite

- Use Red Hat Satellite to deploy individual configuration files to client systems.

Provision with Red Hat Satellite

- Use Red Hat Satellite to provision Red Hat Enterprise Linux systems from bare metal.

Red Hat Satellite administration

- Perform Red Hat Satellite maintenance functions including embedded database management, activate Satellite with a new entitlement certificate, and export custom software channel content.

Red Hat Satellite API and reports

- Use the Red Hat Satellite API to produce simple reports and perform basic administrative tasks.

Red Hat Satellite virtual machine management

- Manage Red Hat Satellite entitlements and create kickstart profiles that will provision virtualization hosts and virtualized guests.

Comprehensive review

- Review course material and deploy a Red Hat Satellite server.