RH 403 Red Hat Satellite 6 Administration

5 days of training

DESCRIPTION:

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.

PREREQUISITES:

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

- Have Red Hat Satellite 5 experience

COURSE OBJECTIVES:

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

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.