

## **RH401 Syllabus**

### **Manage Red Hat Enterprise Linux deployments**

Install a Red Hat Network Satellite Server

Install a Red Hat Network Satellite Server and populate it with software channel content.

### **Manage changes with revision control**

Deploy a Subversion repository and have multiple administrators use it to manage changes to configuration files and shell scripts.

### **Configure a Red Hat Network client**

Register client systems with a RHN Satellite server, both interactively and with automation, and troubleshoot registration problems.

### **Manage Red Hat Network software**

Create and manage custom software channels, cloned software channels, and errata notifications with a RHN Satellite server.

### **Build RPMs**

Build and sign RPM packages that can be deployed by a RHN Satellite server.

### **Use the RHN application programmer interface**

Modify and write simple scripts that will interact with a RHN Satellite server with its API.

### **Provision with Kickstart**

Use RHN Satellite, with Cobbler, to create and manage a bare-metal provisioning environment.

## **Manage a virtual machine**

Manage and provision kernel-based virtual machine (KVM) guests using RHN Satellite.

## **Administer RHN Satellite Server**

Manage the embedded database, entitlement certificates, and export software channels from a RHN Satellite server.