

## **RHS435 Red Hat Enterprise Certificate Management**

### **Course Summary**

#### **Description**

This is an intensive course that provides instruction and labs for Linux and UNIX administrators who want to learn to manage and validate certificates using the Red Hat Certificate System. This course teaches systems engineers to setup and manage the Red Hat Certificate System, a certificate management system capable of scaling from a workgroup to a multinational enterprise. The Red Hat Certificate System permits users to register and revoke their certificates, and confirm the validity of other certificates. Thus, it ensures the validity of encrypted and signed messages.

#### **Topics**

- Understanding Certificate Management
- Using LDAP in a CMS
- Key Management
- Certificate Authority Management
- Troubleshooting

#### **Audience**

This course is designed for systems engineers, consultants, or other technical personnel responsible for operating a Public Key Infrastructure (PKI) using the Red Hat Certificate System. This course is particularly useful for system administrators managing Enterprise Linux systems running versions 2.1 or 3 and migrating to version 4. This is a technically advanced course with a strong focus on labs. Therefore, it is essential that audience members are either RHCEs or possess RHCE-level skills.

#### **Prerequisites**

Students should have RHCE-level skills. Prerequisite skills can be shown by passing the RHCE Exam in either RH302 or RH300, or by taking RH253 or by possessing comparable skills and knowledge. In addition, students should be familiar with SSL, X.509 certificate generation, and LDAP. It is useful, but not required, to have taken RH423 Red Hat Enterprise Directory Services and Authentication. It is also important for students to understand the purposes of basic PKIs.

#### **Duration**

Four days