



# REDHAT SYSTEM ADMINISTRATION - II

## RH135 Syllabus

### Build Command-line Administration Skills

#### **Automated installations of Red Hat Enterprise Linux**

Create and manage Kickstart configuration files; perform installations using Kickstart.

#### **Accessing the command line**

Access the command line locally and remotely; gain administrative privileges from the command line.

#### **Intermediate command-line tools**

Use hardlinks, archives and compression, and vim.

#### **Regular expressions, pipelines, and I/O redirection**

Use regular expressions to search patterns in files and output; redirect and pipe output.

#### **Network configuration and troubleshooting**

Configure network settings; troubleshoot network issues.

#### **Managing simple partitions and file systems**

Create and format simple partitions, swap partitions, and encrypt partitions.

#### **Managing flexible storage with the Logical Volume Manager (LVM)**

Implement LVM and LVM snapshots.

#### **Accessing network file-sharing services; NFS and CIFS**

Implement NFS, CIFS, and autofs.

#### **Managing user accounts**

Manage user accounts, including password aging.



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### **Network user accounts with LDAP**

Connect to a central LDAP directory service.

### **Controlling access to files**

Manage group memberships, file permissions, and access control lists (ACLs).

### **Managing SELinux**

Activate and deactivate SELinux; set file contexts; manage SELinux Booleans; analyze SELinux logs.

### **Installing and managing software**

Manage software and query information with yum; configure client-side yum repository files.

### **Managing installed services**

Manage services; verify connectivity to a service.

### **Analyzing and storing logs**

Manage logs with rsyslog and logrotate.

### **Managing processes**

Identify and terminate processes, change the priority of a process, and use cron and at to schedule processes.

### **Tuning and maintaining the kernel**

List, load, and remove modules; use kernel arguments.

### **System recovery techniques**

Understand the boot process and resolve boot problems.

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