

## **RH135**

### **Red Hat System Administration II with RHCSA exam**

The Red Hat Certified System Administrator (RHCSA) exam (EX200) is included in this offering, which is based on Red Hat Enterprise Linux 8.

#### **Outline for this course**

##### **Improve command line productivity**

Run commands more efficiently by using advanced features of the bash shell, shell scripts, and various utilities provided by Red Hat Enterprise Linux.

##### **Schedule future tasks**

Schedule commands to run in the future, either one time or on a repeating schedule.

##### **Tune system performance**

Improve system performance by setting tuning parameters and adjusting scheduling priority of processes.

##### **Control access to files with ACLs**

Interpret and set access control lists (ACLs) on files to handle situations requiring complex user and group access permissions.

##### **Manage SELinux security**

Protect and manage the security of a server by using SELinux.

##### **Maintain basic storage**

Create and manage storage devices, partitions, file systems, and swap spaces from the command line.

##### **Manage logical volumes**

Create and manage logical volumes containing file systems and swap spaces from the command line.

## **Implement advanced storage features**

Manage storage using the Stratis local storage management system and use VDO volumes to optimize storage space in use.

## **Access network-attached storage**

Use the NFS protocol to administer network-attached storage.

## **Control the boot process**

Manage the boot process to control services offered and to troubleshoot and repair problems.

## **Manage network security**

Control network connections to services using the system firewall and SELinux rules.

## **Install Red Hat Enterprise Linux**

Install Red Hat Enterprise Linux on servers and virtual machines.