



Course RH124

## Red Hat System Administration I

Course Length : 40 Hours  
Professional Series : 5 Days  
Academic Series : 6 Weeks

### Module 1:

#### Get started with Red Hat Enterprise Linux

- Describe and define open source, Linux distributions, and Red Hat Enterprise Linux.

### Module 2:

#### Access the command line

- Log into a Linux system and run simple commands using the shell.

### Module 3:

#### Manage files from the command line

- Copy, move, create, delete, and organize files while working from the bash shell.

### Module 4:

#### Get help in Red Hat Enterprise Linux

- Resolve problems by using local help systems.

### Module 5:

#### Create, view, and edit text files

- Manage text files from command output or in a text editor.

### Module 6:

#### Manage local users and groups

- Create, manage, and delete local users and groups, as well as administer local password policies.

### Module 7:

#### Control access to files

- Set Linux file system permissions on files and interpret the security effects of different permission settings.

### Module 8:

#### Monitor and manage Linux processes

- Evaluate and control processes running on a Red Hat Enterprise Linux system.

### Module 9:

#### Control services and daemons

- Control and monitor network services and system daemons using systemd.

### Module 10:

#### Configure and secure SSH

- Configure secure command line service on remote systems, using OpenSSH.

### Module 11:

#### Analyze and store logs

- Locate and accurately interpret logs of system events for troubleshooting purposes.

### Module 12:

#### Manage networking

- Configure network interfaces and settings on Red Hat Enterprise Linux servers.

### Module 13:

#### Archive and transfer files

- Archive and copy files from one system to another.

### Module 14:

#### Install and update software

- Download, install, update, and manage software packages from Red Hat and yum package repositories.

### Module 15:

#### Access Linux file systems

- Access, inspect, and use existing file systems on storage attached to a Linux server.

### Module 16:

#### Analyze servers and get support

- Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.



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