

RHCE SYLLABUS

Red Hat System Administration I (RH124)

Accessing the Command Line
Managing Files From the Command Line Getting Help in
Red Hat Enterprise Linux Creating, Viewing, and Editing
Text Files Managing Local Linux Users and Groups
Controlling Access to Files with Linux File System Permissions
Monitoring and Managing Linux Processes Controlling
Services and Daemons Configuring and Securing OpenSSH
Service Analyzing and Storing Logs
Managing Red Hat Enterprise Linux Networking Archiving and
Copying Files Between Systems Installing and Updating Software
Packages Accessing Linux File Systems
Using Virtualized Systems

Comprehensive Review

Red Hat System Administration II (RH134)

Automating Installation with Kickstart Using Regular
Expressions with grep Creating and Editing Text files with
vim Scheduling future Linux Tasks
Managing Priority of Linux Processes

Controlling Access to files with Access Control Lists (ACLs) Managing SELinux
Security
Connecting to Network-defined Users and Group

Adding Disks, partitions, and file systems to a Linux System
Managing Logical Volume Management (LVM) Storage

Accessing Network Storage with Network File system (NFS)

Accessing Network Storage with SMB
Controlling and Troubleshooting the Red Hat Enterprise Linux Boot Process

Limiting Network Communication with firewalld

Comprehensive Review of System Administration 2

Red Hat System Administration III (RH254)

Controlling Services and Daemons

Managing IPv6 Networking

Configuring Link Aggregation and Bridging

Network Port Security

Managing DNS for Servers Configuring Email

Transmission Providing Remote Block Storage

Providing File-based Storage Configuring MariaDB

Database Providing Apache HTTPD Web Service

Writing Bash Scripts

Bash Conditionals and Control Structures

Configuring the Shell Environment Linux

Containers and Docker Comprehensive Review

Facilities :

- ❖ Modern Lab with Internet Facility.
- ❖ Students can do Lab till they pass Online Examination without any extra cost.

Batch Timings :

- ❖ 7 - 9 am/9 - 11am/11 - 1pm/ 2 - 4pm /4- 6pm / 6 - 8pm / Sat & Sun Only / Sunday Only.

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