

RHCSA Rapid Track course (RH199)

Length Days: 5

Length Hours: 40

Course Outline

1. Access systems and get help

- Log in to local and remote Linux systems, and investigate problem resolution methods provided through Red Hat Insights and support.

2. Navigate file systems

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

3. Manage local users and groups

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

4. Control access to files

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

5. Manage SELinux security

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

6. Tune system performance

- Evaluate and control processes, set tuning parameters, and adjust process scheduling priorities on a Red Hat Enterprise Linux system.

7. Install and update software packages

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

8. Manage basic storage

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

9. Control services and the boot process

- Control and monitor network services, system daemons, and the boot process using system.

10. Manage networking

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

11. Analyze and store logs

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

12. Implement advanced storage features

- Create and manage logical volumes containing file systems and swap spaces from the command line, and configure advanced storage features with Stratis and VDO.

13. Schedule future tasks

- Schedule tasks to automatically execute in the future.

14. Access network-attached storage

- Access network-attached storage, using the NFS protocol.

15. Manage network security

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