

Red Hat System Administration II

Code: RH134VC
URL: [View Online](#)

Part 2 of the core system administration tasks needed for Red Hat Enterprise Linux

- This course is specifically designed for students who have completed Red Hat® System Administration I (RH124). Red Hat System Administration II (RH134) focuses on the key tasks needed to become a full time Linux® administrator.

Skills Gained

This course goes deeper into enterprise Linux administration including file systems and partitioning, logical volumes, SELinux, firewalling, and troubleshooting. Attending both Red Hat System Administration I and Red Hat System Administration II can help you in your preparation for the Red Hat Certified System Administrator exam (EX200).

- Installation using Kickstart
- Manage filesystems and logical volumes
- Manage scheduled jobs
- Access network filesystems
- Manage SELinux
- Control firewalling
- Troubleshooting

Who Can Benefit

This course is singularly designed for students who have completed Red Hat System Administration I (RH124). The organization of topics is such that it is not appropriate for student to use RH134 as a curriculum entry point. Students who have not taken a previous Red Hat course are encouraged to take either System Administration I if they are new to Linux, or the RHCSA Fast Track course (RH200) if they are experienced with enterprise Linux administration.

Prerequisites

Red Hat System Administration I (RH124)

Course Details

Outline for this course

- Automate installation with Kickstart
- Automate the installation of Red Hat Enterprise Linux systems with Kickstart.
- Use regular expressions with grep
- Write regular expressions that, when partnered with grep, will allow you to quickly isolate or locate content within text files.
- Create and Edit text files with vim
- Introduce the vim text editor, with which you can open, edit, and save text files.
- Schedule future Linux tasks
- Schedule tasks to automatically execute in the future.
- Manage priority of Linux processes
- Influence the relative priorities at which Linux processes run.
- Control access to files with access control lists (ACL)
- Manage file security using POSIX access control lists.
- Manage SELinux security
- Manage the Security Enhanced Linux (SELinux) behavior of a system to keep it secure in case of a network service compromise.
- Connect to network-defined users and groups
- Configure systems to use central identity management services.
- Add disks, partitions, and file systems to a Linux system
- Manage simple partitions and file systems.
- Manage logical volume management (LVM) storage
- Manage logical volumes from the command line.
- Access networked attached storage with network file system (NFS)
- Access (secure) NFS shares.
- Access networked storage with SMB
- Use autofs and the command line to mount and unmount SMB file systems.
- Control and troubleshoot the Red Hat Enterprise Linux boot process
- Limit network communication with firewall
- Configure a basic firewall.
- Comprehensive review
- Practice and demonstrate knowledge and skills learned in this course.

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