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Learning Style: Virtual Classroom

Technology: Red Hat

Difficulty: Beginner

Course Duration: 5 Days

Red Hat System Administrator II (RH134)

About this Course:

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).

Course Objectives:

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

Audience:

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 Outline:

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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