



Red Hat System Administration II - RH134

Course details

Location: Pune

Course Outline:

Unit 1 - Accessing the Command Line

Access the command line locally and remotely; gain administration privileges from the command line

Unit 2 - Intermediate Command Line Tools

Use hardlinks; use archives and compression; use vim

Unit 3 - Regular Expressions, Pipelines, and I/O Redirection

Use regular expressions to search patterns in files and output; redirect and pipe output

Unit 4 - Network Configuration and Troubleshooting

Configure network settings; troubleshoot network issues

Unit 5 - Managing Simple Partitions and Filesystems

Create and format simple partitions, swap partitions and encrypted partitions

Unit 6 - Managing Flexible Storage with Logical Volumes

Implement LVM and LVM snapshots

Unit 7 - Access Network File Sharing Services

NFS, CIFS and autofs

Unit 8 - Managing User Accounts

Manage user accounts including password aging

Unit 9 - Controlling Access to Files

Manage group memberships, file permissions, and access control lists (ACL)



Unit 10 - Managing SELinux

Activate and deactivate SELinux; set file contexts; manage SELinux booleans; analyze SELinux logs

Unit 11 - Installing and Managing Software

Manage software and query information with yum, configure client-side yum repository files

Unit 12 - Managing Installed Services

Managing services, verify connectivity to a service

Unit 13 - Analyzing and Storing Logs

Managing logs with rsyslog and logrotate

Unit 14 - Managing Processes

Identify and terminal processes, change the priority of a process, use cron and at to schedule processes

Unit 15 - Tuning and Maintaining the Kernel

List, load, and remove modules; use kernel arguments

Unit 16 - Troubleshooting

Understand the boot process, resolve boot problems