



RED HAT SYSTEM ADMINISTRATION I

Course ID #: 7000-029-ZZ-Z

Hours: 35

Course Content

Course Description:

Red Hat System Administration I (RH124) is designed for IT professionals without previous Linux® system administration experience. The course provides students with Linux administration "survival skills" by focusing on core administration tasks. This curriculum also provides a foundation for students planning to become full-time Linux system administrators by introducing key command-line concepts and enterprise-level tools.

- This course is based on Red Hat® Enterprise Linux 8.

At Course Completion:

As a result of attending this course, you should be able to perform essential Linux administration tasks, including installation, establishing network connectivity, managing physical storage, and basic security administration.

- Access the command line
- Manage files from command line
- Create, view, and edit text files
- Manage local users and groups
- Monitor and manage Linux processes
- Control services and daemons
- Control access to files with file system permissions
- Analyze and store log files
- Configure and secure the OpenSSH service
- Install and update software packages
- Access Linux file systems
- Manage Linux networking

Prerequisites:

Basic technical user skills with computer applications on some operating systems are expected.



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Target Student:

This course is geared toward Windows system administrators, network administrators, and other system administrators who are interested in supplementing current skills or backstopping other team members, in addition to Linux system administrators who are responsible for these tasks:

- Configuring, installing, upgrading, and maintaining Linux systems using established standards and procedures
- Providing operational support
- Managing systems for monitoring system performance and availability
- Writing and deploying scripts for task automation and system administration

Topics:

- Get started with Red Hat Enterprise Linux
- Access the command line
- Manage files from the command line
- Get help in Red Hat Enterprise Linux
- Create, view, and edit text files
- Manage local users and groups
- Control access to files
- Monitor and manage Linux processes
- Control services and daemons
- Configure and secure SSH
- Analyze and store logs
- Manage networking
- Archive and transfer files
- Install and update software
- Access Linux file systems
- Analyze servers and get support
- Comprehensive review