

Red Hat System Administration I - RH124

Course details

Duration: 30 hours

Location: Pune

Course Outline:

Unit 1 - Getting Started with the GNOME Graphical Desktop

- Get started with GNOME and edit text files with gedit

Unit 2 - Manage Files Graphically with Nautilus

- Manage files graphically and access remote systems with Nautilus

Unit 3 - Get Help in a Graphical Environment

- Access documentation, both locally and online

Unit 4 - Configure Local Services

- Configure the date and time and configure a printer

Unit 5 - Manage Physical Storage I

- Understand basic disk concepts and manage system disks

Unit 6 - Manage Logical Volumes

- Understand logical volume concepts and manage logical volumes

Unit 7 - Monitor System Resources

- Manage memory and CPU utilization

Unit 8 - Manage System Software

- Manage system software locally and using Red Hat Network (RHN)

Unit 9 - Get Started with Bash

- Understand basic shell concepts, execute simple commands, and use basic job control techniques

Unit 10 - Get Help in a Textual Environment

- Use man and info pages and find documentation in /usr/share/doc

Unit 11 - Establish Network Connectivity

- Understand basic network concepts; configure, manage, and test network settings

Unit 12 - Administer Users and Groups

- Manage users and groups

Unit 13 - Manage Files from the Command Line

- Understand Linux filesystem hierarchy; manage files from the command line

Unit 14 - Secure Linux File Access

- Understand Linux file access mechanisms; manage file access from the GUI and the command line

Unit 15 - Administer Remote Systems

- Share and connect to a desktop; use SSH and rsync

Unit 16 - Configure General Services

- Manage services; configure SSH and remote desktops

Unit 17 - Manage Physical Storage II

- Manage filesystem attributes and swap space

Unit 18 - Install Linux Graphically

- Install Red Hat Enterprise Linux and configure the system with firstboot

Unit 19 - Manage Virtual Machines

- Understand basic virtualization concepts; install and manage virtual machines

Unit 20 - Control the Boot Process

- Understand runlevels and manage GRUB

Unit 21 - Deploy File Sharing Services

- Deploy an FTP server and a web server



Unit 22 - Secure Network Services

- Manage a firewall; understand SELinux concepts and manage SELinux

Unit 23 - Comprehensive Review

- Get a hands-on review of the concepts covered throughout the course