RED HAT SYSTEM ADMINISTRATION I

FUNDAMENTAL RED HAT SYSTEM ADMINISTRATION SKILLS

VALUE OF TRAINING

Your team is your most valuable asset. By investing in the expertise of your staff, you can ensure optimal system performance, enhance productivity, and mitigate risk. When you include hands-on training from Red Hat as part of your deployment and maintenance strategy, you can maximize the value of your Red Hat technology investment and reach new productivity heights.

COURSE OVERVIEW

Red Hat System Administration I (RH124) is designed for IT professionals who are new to Linux and require core Red Hat Enterprise Linux skills. This course focuses on essential administration tasks that will be encountered in the workplace, including installing the operating system, establishing network connectivity, managing physical storage, and performing basic security administration. Early in the course, GUI-based tools will be featured to build upon the students' existing technical knowledge. As the course progresses, key command line concepts will be introduced to provide a foundation for students planning to continue to Red Hat System Administration II with the goal of becoming full-time Linux system administrators.

AUDIENCE

- IT professionals and system administrators, including Windows and network administrators who need to gain a core level of proficiency with Linux administration
- Non-Linux IT professionals on the path to becoming full-time Linux system administrators

PREREQUISITE

Previous operating system administration experience is beneficial

FORMAT	LENGTH	PRICE*
Classroom RH124	5 days	$2,700 9 training units
Remote classroom RH124RC	5 days	$2,700 9 training units
Virtual RH124VT	5 days	$2,700 9 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994.	

* Price subject to change.

COURSE DETAILS

Get Started with the GNOME Graphical Desktop

- Get started with GNOME and edit text files with gedit

Manage Files Graphically with Nautilus

- Manage files graphically and access remote systems with Nautilus

Get Help in a Graphical Environment

- Access documentation, both locally and online

Configure Local Services

- Configure the date and time and configure a printer

Manage Physical Storage I

- Understand basic disk concepts and manage system disks

Manage Logical Volumes

- Understand logical volume concepts and manage logical volumes

Monitor System Resources

- Manage CPU, memory, and disk utilization

Manage System Software

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

Get Started with Bash

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

Get Help in a Textual Environment

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

Establish Network Connectivity

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

Administer Users and Groups

- Manage users and groups

Manage Files from the Command Line

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

Secure Linux File Access

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

Administer Remote Systems

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

Configure General Services

- Manage services; configure SSH and remote desktops

Manage Physical Storage II

- Manage filesystem attributes and swap space

Install Linux Graphically

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

Manage Virtual Machines

- Understand basic virtualization concepts; install and manage virtual machines

Control the Boot Process

- Understand runlevels and manage GRUB

Deploy File Sharing Services

- Deploy an FTP server and a web server

Secure Network Services

- Manage a firewall; understand SELinux concepts and manage SELinux

"This was a challenging and enlightening experience that made me think, made me stronger technically and provided the motivation that helped jump start my career again."

-Billy Cox, Business Systems Analyst

WAYS TO TRAIN

Whether you need to train a team of IT professionals, or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize return on your Red Hat Enterprise investment.

- **Classroom training** – Red Hat offers a robust six-month schedule in more than 40 locations across North America.
- **Virtual training** – Live, instructor-led online training allows for students to maintain a partial work schedule while achieving cost savings.
- **On-site training** – Whether at your offices or hosted in a virtual environment, team training is a proven way to maximize performance and savings.

ABOUT RED HAT TRAINING

Red Hat Training delivers more than 30 Red Hat Enterprise Linux and JBoss® Enterprise Middleware courses and and exams. Our award-winning courses are taught by certified instructors and include hands-on labs and performance-based testing. This means your team acquires real-world skills that IT professionals need to manage successful open source infrastructures.

Red Hat is leading the pack with it's training program. For the past five years, IDC has consistently ranked Red Hat as a leader in training and certification in its competitive analysis, "IDC MarketScape: Worldwide IT Education and Training Vendor Analysis." This third-party study assessed OEMs who offer training and ranked them on strategy and vision.

READY TO TRAIN?

Contact a training specialist

Red Hat training is a critical strategy that helps companies realize the full potential of their IT teams and Red Hat enterprise technology. Contact a member of our sales team or a Red Hat training specialist for assistance designing a training path that is right for your needs.

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