RED HAT SYSTEM ADMINISTRATION II

BUILDING COMMAND LINE 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

A followup course for students that have completed Red Hat System Administration I (RH124), Red Hat System Administration II (RH135) is designed for IT professionals working to become full-time enterprise Linux system administrators. Building on the foundation of command line skills covered in System Administration I, students will dive deeper into Red Hat Enterprise Linux to broaden their toolkits of administration skills. By the end of this course, students will be able to administer and troubleshoot file systems and partitioning, logical volume management, access control, and package management. Students who attend Red Hat System Administration I & II will be fully prepared to take the Red Hat Certified System Administration (RHCSA) exam.

Note: This course is intended to be taken following Red Hat System Administration I and does not cover all RHCSA exam tasks. Students with solid Linux command line skills seeking to take only one course before attempting the RHCSA exam should consider the RHCSA Rapid Track Course (RH200).

AUDIENCE

IT professionals who have attended Red Hat System Administration I and want the skills to be full-time enterprise Linux administrators or earn RHCSA certifications

PREREQUISITE

Red Hat System Administration I

FORMAT	LENGTH	PRICE*
Classroom with exam RH135	5 days	$2,900 10 training units
Classroom** RH134	4 days	$2,700 9 training units
Remote Classroom** RH134RC	4 days	$2,700 9 training units
Virtual** RH134VT	5 days	$2,700 9 training units
RHCSA Exam EX200	2.5 hours	$400 2 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994.	

* Price subject to change.
** Course does not include exam. Exam sold separately.

COURSE DETAILS

Automated Installations of Red Hat Enterprise Linux

- Create and manage kickstart configuration files; perform installations using kickstart

Accessing the Command Line

- Access the command line locally and remotely; gain administrative privileges from the command line

Intermediate Command Line Tools

- Use hardlinks, archives and compression, and vim

Regular Expressions, Pipelines, and I/O Redirection

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

Network Configuration and Troubleshooting

- Configure network settings; troubleshoot network issues

Managing Simple Partitions and Filesystems

- Create and format simple partitions, swap partitions, and encrypted partitions

Managing Flexible Storage with the Logical Volume Manager (LVM)

- Implement LVM and LVM snapshots

Access Network File Sharing Services; NFS and CIFS

- Implement NFS, CIFS, and autofs

Managing User Accounts

- Manage user accounts including password aging

Network User Accounts with LDAP

- Connect to a central LDAP directory service

Controlling Access to Files

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

Managing SELinux

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

Installing and Managing Software

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

Managing Installed Services

- Managing services; verify connectivity to a service

Analyzing and Storing Logs

- Managing logs with rsyslog and logrotate

Managing Processes

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

Tuning and Maintaining the Kernel

- List, load, and remove modules; use kernel arguments

System Recovery Techniques

- Understand the boot process and resolve boot problems

RED HAT CERTIFICATIONS

A Red Hat Certified System Administrator (RHCSA) certification is earned by passing a hands-on, lab-based exam that covers the core system administration skills required in Red Hat Enterprise Linux environments.

"The training is robust, relevant and conducted in a professional manner."

-Warren Brown, Senior Designer
Florida Museum of Natural History
University of Florida

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.

RED HAT SALES AND INQUIRIES

NORTH AMERICA
1-888-REDHAT1
www.redhat.com
sales@redhat.com

EUROPE, MIDDLE EAST AND AFRICA
00800 7334 2835
www.europe.redhat.com
europe@redhat.com

ASIA PACIFIC
+65 6490 4200
www.apac.redhat.com
apac@redhat.com

LATIN AMERICA
+54 11 4329 7300
www.latam.redhat.com
info-latam@redhat.com

Copyright © 2012 Red Hat, Inc. Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, MetaMatrix, and RHCE are trademarks of Red Hat, Inc., registered in the U.S. and other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

www.redhat.com
#8370657_0212
RH134