

# RHCE RAPID TRACK COURSE WITH RHCSA AND RHCE EXAMS

FAST TRACK TO RED HAT CERTIFIED ENGINEER (RHCE®)  
CERTIFICATION FOR SENIOR LINUX SYSTEM ADMINISTRATORS

## 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.

## MAIN COURSE DESCRIPTION

The RHCE Rapid Track Course with RHCSA and RHCE Exams (RH300) is designed for senior Linux® system administrators who want to validate their competencies by earning the Red Hat® Certified System Administrator (RHCSA®) and RHCE credentials. This course is a fast-paced review that combines the RHCSA Fast Track (RH199) and System Administration III (RH254) courses--normally eight days of training--into a single four-day course. Building on the students' extensive knowledge of command-line based Linux administration, the course moves very quickly through intermediate and advanced tasks covered by lab-based knowledge checks and facilitative discussions. By the end of this course, the senior Linux administrator students will have been exposed to all the intermediate and advanced competencies tested by the RHCSA and RHCE exams. The RHCSA and RHCE exams are included with this course.

## AUDIENCE

- Experienced Linux system administrators with a minimum of three years of Linux experience who want a fast-track solution with the opportunity to earn a RHCE certification
- Experienced Solaris system administrators who have completed the Red Hat Enterprise Linux for Solaris Administrators (RH290) course

FORMAT	LENGTH	PRICE*
Classroom with exam RH300	5 days	\$3,600 12 training units
Classroom** RH299	4 days	\$3,200 11 training units
Remote classroom** RH299RC	4 days	\$3,200 11 training units
Virtual** RH299VT	5 days	\$3,200 11 training units
RHCSA Exam EX200		\$400 2 training units
RHCE Exam EX300		\$400 2 training units
Team Onsites	Contact a training specialist for a quote at 866-626-2994.	

\* Price subject to change.

\*\* Does not include certification exams.

- This course is not recommended for students who have successfully completed the RHCSA Rapid Track Course (RH200). For those students, Red Hat System Administration III (RH254) is recommended.

## PREREQUISITES

- Students must meet the requirements for attending Red Hat System Administration I, II, and III courses.
- Students must have the same skill set as an Red Hat Certified Technician (RHCT®) or RHCSA.
- Confirmation of the correct skill set required for this course can be obtained by passing the online pre-assessment quiz at [redhat.com/explore/pre-assessment](https://redhat.com/explore/pre-assessment).

## COURSE DETAILS

### Software management

- Manage packages with yum, rpm, and Red Hat Network (RHN); build an RPM package and place it in a repository

### Network management

- Configure and troubleshoot network settings; configure network bonding and IP aliases

### Storage management

- Manage partitioning, filesystems, and swap space; configure encrypted partitions and iSCSI initiator

### Logical volume management (LVM)

- Manage physical volumes, volume groups, and logical volumes with their filesystems

### Account management

- Provide password aging for accounts; use ACLs and SGID directories for collaborative directories

### Authentication management

- Configure an LDAP and Kerberos client; configure autofs to support an authentication client; Configure sudo and SSD

### Installation, kickstart, and virtualization

- Install a system and manage kickstart and firstboot; use virtualization tools to manage virtual machines

### Boot management

- Configure runlevels and sysctl; reset the root password; understand the boot process

### Security Enhanced Linux (SELinux) management

- Understand, troubleshoot, and manage SELinux

### Firewall management

- Manage the firewall

### Network time protocol (NTP) service

- Configure an NTP server and provide that service to clients

### System logging service

- Create disk, I/O, and memory usage reports; configure remote logging

### Web (HTTP/HTTPS) service

- Manage a web server with virtual hosts, CGI scripts, and user-based file/directory access controls

### SMTP service

- Null client; outbound smarthost relay; accept inbound connections

### Caching-only (DNS) service

- Configure a caching nameserver and DNS forwarder

### File-sharing with NFS

- Manage and secure the NFS service using NFSv3 and NFSv4

### File-sharing with CIFS

- Configure the CIFS to provide home directories, file-sharing, and printer service; use a client to access the CIFS shares

### File transfer protocol (FTP) service

- Provide FTP drop-box upload service

### Secure Shell (SSH) Service

- Configure and implement SSH keys

### Comprehensive review

- Review tasks previously taught in class

## 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 the return on your Red Hat enterprise investment.

### Classroom training

Red Hat offers a robust six-month schedule of classroom training in more than 40 locations across North America. That convenience, combined with our high-quality classroom experience and instructor expertise, helps ensure companies and individuals will achieve their training goals.

### Virtual training

Our flexible virtual training courses allow IT professionals to experience industry-recognized classroom training while maintaining a partial work schedule and achieving cost savings objectives. This is live, instructor-led training, taken from your office or home.

### Onsite team training

Training teams together is a proven way for IT staff to maximize the performance, savings, and management of Red Hat solutions. Whether at your offices, our training venues, or hosted in a virtual environment, on-site training solutions offer flexible, cost-effective training options.

## ABOUT RED HAT TRAINING

Red Hat Training delivers more than 30 Red Hat Enterprise Linux and JBoss® Enterprise Middleware courses that are offered in classroom, corporate on-site, and online settings. 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 in open source curriculum and certifications. In fact, IDC consistently ranks 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 CERTIFICATIONS

Performance-based certifications from Red Hat are among the most highly regarded in the IT industry. Our success stems from a solid track record of benchmarking and hands-on skills assessment.



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.



Red Hat Certified Engineer (RHCE) is earned by a RHCSA who has demonstrated the knowledge, skill, and ability required of a senior system administrator responsible for Red Hat Enterprise Linux systems.



## ABOUT RED HAT

Red Hat was founded in 1993 and is headquartered in Raleigh, NC. Today, with more than 60 offices around the world, Red Hat is the largest publicly traded technology company fully committed to open source. That commitment has paid off over time, for us and our customers, proving the value of open source software and establishing a viable business model built around the open source way.

Red Hat provides high-quality, affordable technology to the enterprise. Our solutions are delivered via subscription and range from operating systems and platforms like Red Hat Enterprise Linux and JBoss Enterprise Middleware, to application and management tools, as well as consulting, training, and support.

## RED HAT SALES AND INQUIRIES

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