

# RED HAT TRAINING AND CERTIFICATION

## SYSTEM ADMINISTRATION TRAINING PATHS

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When organizations include Red Hat Training as part of a deployment and maintenance strategy, they can maximize the value and performance of their open source technologies. Red Hat Training arms your IT organization with the knowledge and proven, hands-on skills to optimize the performance of your technologies, enhance productivity, and mitigate risk.

Red Hat trained customers are better prepared to:

- Successfully deploy and manage new enterprise technologies and solutions
- Solve both routine and challenging problems in less time
- Better manage internal resources with cross-trained staff
- Spread best practices within their IT organizations to improve efficiencies
- Keep their IT organizations competitive and reduce turnover

### JOB-BASED TRAINING PATH FOR EXPANDED IT AUDIENCES

Whether your team requires an accelerated transition from Solaris or to get experienced Windows administrators trained with the corresponding Linux® skills, Red Hat offers multiple training paths for wider variance of student skill sets. Unlike most vendors, we orient our training and certifications around real world job roles and tasks. This ensures Red Hat has the right training path for your team's needs.

### INDUSTRY-LEADING, ROLE-BASED TRAINING

Red Hat uses a best-of-breed contemporary teaching approach to ensure maximum skills transfer and retention. This includes courses that actively engage students in task-focused activities, lab-based knowledge checks, and facilitative discussions. In addition, our course materials provide job aids, exercise reinforcement, and task-based reference material. Industry-leading, role-based training can increase a company's return on investment and an IT professional's productivity.

Red Hat continues to 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 strategies and vision.

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*"The practical, hands-on nature of Red Hat Training courses provided real value to the transition of our team's skills to Linux. All of our system administrators are Red Hat Certified Engineers (RHCE)."*

- Vinod Kutty, associate director,  
Distributed Computing, CME Group

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### PROVING COMPETENCIES

Performance-based certifications from Red Hat are among the most highly regarded in the IT industry. The program's success stems from a solid track record of benchmarking and hands-on skills assessment. Since candidates are required to perform the tasks required in actual IT environments, Red Hat customers can be assured that certification professionals on their teams have demonstrated the skills required to perform tasks in actual IT environments. Red Hat offers a full hierarchy of credentials to provide a comprehensive and flexible program for an entire IT staff.

## RED HAT CERTIFICATIONS

Earned by passing rigorous, performance-based exams, Red Hat certified professionals ensure that organizations get the most from their Red Hat solutions.



**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)**® certification is earned by an RHCSA who has demonstrated the knowledge, skill, and ability required of a senior system administrator responsible for Red Hat Enterprise Linux systems.

## SYSTEM ADMINISTRATION TRAINING COURSES

**Red Hat System Administration I (RH124)** is designed for IT professionals who are new to Linux and require core Red Hat® Enterprise Linux® skills. Focusing on essential administration tasks, students will learn to install the operating system, establish network connectivity, manage physical storage, and perform basic security administration. This course builds on students' existing technical knowledge by focusing on GUI-based tools, while still covering key command line concepts. It provides a foundation for students planning to continue on to Red Hat System Administration II with the goal of becoming full-time Linux system administrators.

**Red Hat System Administration II with RHCSA Exam (RH135)** is designed for IT professionals who have completed System Administration I (RH124) and are 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 skills.

After this course, students will be able to administer and troubleshoot file systems and partitioning, logical volume management, access control, package management.

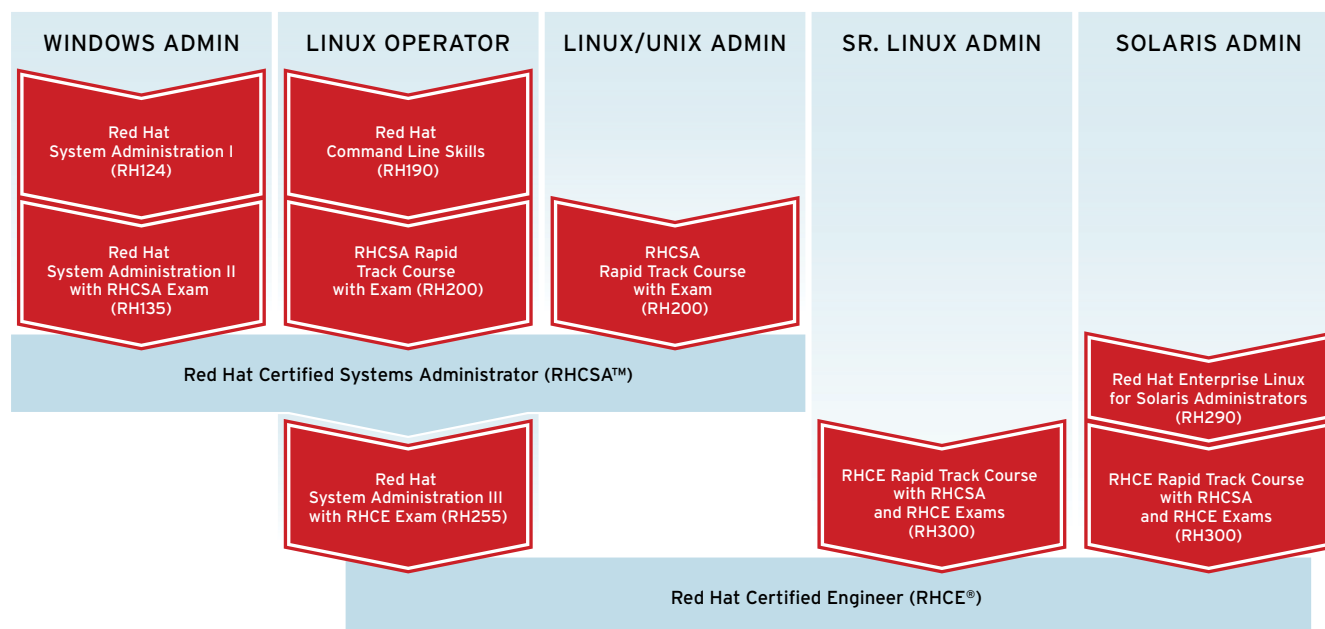
This course alone does not cover all RHCSA exam tasks. It is intended to be taken after the System Administration I course. Students who attend System Administration I and II will be fully prepared to take the RHCSA exam.

**Red Hat Command Line Skills (RH190)** is for IT professionals who are new to Linux and UNIX and require core administration skills using the command line only. Graphical user interface (GUI) tools are not addressed in this course. Students interested in command-line skills and seeking their RHCSA certification should attend this course, followed by our RHCSA Rapid Track (RH200) course.

**RHCSA Rapid Track with Exam (RH200)** is designed for experienced Linux system administrators who want to expand their technical skill sets and become accredited with the RHCSA certification. To successfully navigate this course, students must already have solid experience with the Linux command line, including the necessary skills to execute common commands, such as cp, grep, sort, mkdir, tar, mkfs, ssh, and yum, and be familiar with accessing man pages for help. At the completion of the course, students will be adequately prepared to take the RHCSA exam.

**Red Hat System Administration III with RHCSA and RHCE Exams (RH255)** is designed for experienced Linux administrators with RHCT/RHCSA or equivalent skills who require networking and security administration skills. This course focuses on automation skills to securely configure, deploy, and manage network services, including DNS, Apache, SMTP, and network file sharing. In addition, there is emphasis on security, including monitoring, packet filtering, access controls, and SELinux.

**Red Hat Enterprise Linux for Solaris Administrators (RH290)** covers many of the hands-on, practical skills needed when migrating from Sun Solaris to Red Hat Enterprise Linux. It focuses on the differences between the two operating systems, covering Red Hat Enterprise Linux equivalents to Solaris-specific technologies like applying software patches, automating deployment with kickstart, and using advanced filesystem features. In addition, the course demonstrates how to use RPM, Yum, Red Hat Network (RHN), and Kickstart to manage your environment.

**FIGURE 1**


**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 RHCE credential. This is a fast-paced review course that combines the RHCSA Rapid Track Course (RH199) and System Administration III (RH254) courses, normally eight days of training, into a single, four-day course. By the end of this course, senior Linux administrator students will be exposed to all the intermediate and advanced competencies tested by the RHCSA and RHCE exams.

### 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 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 the same 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.

### On-site 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 flexibility and cost-effective training options.



## Red Hat Enterprise Virtualization with Exam (RH319)

Our Red Hat Enterprise Virtualization course explores the virtualization features of Red Hat Enterprise Linux, managed through the Red Hat Enterprise Virtualization suite. Students acquire the skills and knowledge to effectively create, deploy, manage, and migrate Linux and Microsoft Windows virtual machines hosted on either dedicated Red Hat Enterprise Virtualization Hypervisor nodes or Red Hat Enterprise Linux servers using Red Hat Enterprise Virtualization Manager. With hands-on labs and a deep dive into the technology, this training course is the perfect first step for any enterprise planning or executing a virtualization deployment strategy.

Students who successfully complete this course are prepared to take the Red Hat Enterprise Virtualization Certification Exam (EX318) and may earn the Red Hat Certified Virtualization Administrator (RHCV) certification.

## LOCK IN SAVINGS

Whether you need to purchase volume training for a team, want to re-certify, or just need to bundle courses together, Red Hat has a number of different savings programs designed for the individual or for small businesses and corporations. The savings programs we currently offer are:

- Courses bundles
- Multi-student discounts
- Training Units volume discounts
- Re-certification exam discounts

## 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.

## READY TO TRAIN?

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 an authorized Red Hat training partner for assistance designing a training path that is right for your needs.

Explore these and other Red Hat training solutions at [redhat.com/training](http://redhat.com/training).

## RED HAT SALES AND INQUIRIES

**NORTH AMERICA**  
1-888-REDHAT1  
[www.redhat.com](http://www.redhat.com)  
[sales@redhat.com](mailto:sales@redhat.com)

**EUROPE, MIDDLE EAST  
AND AFRICA**  
00800 7334 2835  
[www.europe.redhat.com](http://www.europe.redhat.com)  
[europe@redhat.com](mailto:europe@redhat.com)

**ASIA PACIFIC**  
+65 6490 4200  
[www.apac.redhat.com](http://www.apac.redhat.com)  
[apac@redhat.com](mailto:apac@redhat.com)

**LATIN AMERICA**  
+54 11 4329 7300  
[www.latam.redhat.com](http://www.latam.redhat.com)  
[info-latam@redhat.com](mailto:info-latam@redhat.com)