



**RHCSA**

**(Red Hat Certified System Administrator)**

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# COURSE OVERVIEW

The Red Hat Certified System Administrator (RHCSA) certification is a well-recognized and respected certification for individuals who want to demonstrate their skills in managing Red Hat Enterprise Linux systems. The RHCSA certification is designed to validate your ability to perform essential system administration tasks and is a valuable credential for those pursuing a career in Linux system administration.

The RHCSA certification focuses on practical skills and hands-on tasks. To earn the RHCSA certification, you need to pass a hands-on, performance-based exam that tests your ability to perform various system administration tasks using Red Hat Enterprise Linux.

## COURSE FEATURES

Here are some of the key features of the RHCSA certification:

### HANDS-ON PRACTICAL SKILLS

The RHCSA certification exam is entirely hands-on and performance-based. It evaluates your practical skills in working with Red Hat Enterprise Linux. This means that you need to perform real-world tasks on a live system during the exam, demonstrating your ability to manage and troubleshoot Linux systems effectively.

### INDUSTRY RECOGNITION

RHCSA is a globally recognized certification in the field of Linux system administration. Red Hat is a well-respected and leading provider of enterprise Linux solutions, and having an RHCSA certification on your resume is a testament to your expertise in this domain.

### CAREER ADVANCEMENT

RHCSA can open doors to various career opportunities in Linux system administration. It is a valuable certification for those looking to start or advance their careers in IT, particularly in roles involving the management of Red Hat Enterprise Linux systems.

### COMPREHENSIVE EXAM COVERAGE

The RHCSA exam covers a wide range of essential Linux administration topics, including installation, configuration, file system management, package management, networking, security, and more. This comprehensive coverage ensures that you have a well-rounded understanding of Linux administration.

### VALIDITY AND RECERTIFICATION

The RHCSA certification is valid for three years. To maintain your certification, you can either retake the current RHCSA exam or advance to a more advanced certification, such as RHCE.

### GLOBAL TESTING CENTERS

Red Hat provides a network of testing centers around the world where you can take the RHCSA exam, making it accessible to candidates globally.

# COURSE OUTCOMES

## Validation of Skills

RHCSA certification validates your practical skills in Linux system administration, including essential tasks and troubleshooting, using Red Hat Enterprise Linux. This certification serves as concrete evidence of your competence in this area.

## Career Opportunities

RHCSA is highly regarded in the IT industry, and it can enhance your career prospects. It makes you a strong candidate for job roles that involve Linux system administration, and it can open doors to various positions in IT.

## Increased Earning Potential

Certified professionals often earn higher salaries than non-certified counterparts. RHCSA can lead to increased earning potential in your current job or in new positions that require Linux.

## Real-World Skills

The RHCSA certification focuses on hands-on, practical skills that are directly applicable to real-world job tasks. It ensures you are well-prepared to manage and maintain Red Hat Enterprise Linux systems effectively in an enterprise environment.

## Preparation for RHCE

RHCSA is a prerequisite for the Red Hat Certified Engineer (RHCE) certification. Earning the RHCSA certification is the first step toward achieving the more advanced RHCE certification, which focuses on advanced system administration and networking skills.

## Community and Support

The Red Hat community and support network can provide resources, guidance, and assistance as you prepare for the certification. It's a valuable ecosystem for learning and staying up-to-date with Red Hat technologies.

# COURSE CURRICULUM

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## RH124

### Red Hat System Administration- I

- Accessing the Command Line
- Managing Files from the Command Line
- Managing Text Files
- Managing Users and Groups
- Managing Access Monitoring and Managing Linux Processes, Services, and Daemons
- Configuring and Securing OpenSSH Service
- Managing Red Hat Enterprise Networking
- Installing and Updating Software Packages
- Analyzing Servers and Getting Support

## RH134

### Red Hat System Administration II

- Installing Red Hat Enterprise Linux
- Improving Productivity
- Scheduling Future Linux Tasks
- Managing Processes & Priority Controlling Access to Files With Access Control Lists (ACLs)
- Managing SELinux Security
- Maintaining Basic Storage
- Managing Logical Volume Management (LVM) Storage
- Implementing Advanced Storage Features
- Managing Network Storage
- Controlling and Troubleshooting the Red Hat Enterprise Linux Boot Process
- Managing Network security 2.0  
RH134 - Red Hat System

## WHO CAN DO **THIS COURSE ?**

12th pass student, Graduate, Under Graduate, Post graduates

## **COURSE DURATION**

**1.2 MONTHS 55 (HRS)**





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Skills Factory Learning in partnership/collaboration/MOUs with apex Governmental educational and regulatory bodies and Government established Universities offers specialized career-oriented courses in Digital/Information Security, Networking, and Wellness. Courses align with Government-approved curriculum.

Skills Factory's certificate courses in Information Security, Networking, and Wellness will boost your knowledge to explore new opportunities, to create a secure and uninterrupted career growth path. Dig into the topics in step-by-step learning to master the subject with ease.

## CONTACT US

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