DevOpsSchool

Course curriculum · November 2026

LINUX SYSADMIN (LFCS) · CERTIFICATION-FOCUSED PROGRAM

# Red Hat Certified System Administrator Training

A practical, hands-on Red Hat Certified System Administrator Training curriculum: 64 topics over 6 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

| | | |
|---|---|---|
| **LIVE ONLINE**<br>Max 8-10 hours | **CORPORATE**<br>Private team batch, on demand | **SELF-PACED VIDEO**<br>1-year LMS access |
| **BATCH SIZE**<br>Max 10 learners | **NEXT BATCHES**<br>1st of every month · weekends: first Saturday | **CERTIFICATE**<br>Verifiable certificate of completion |

## INSIDE THIS CURRICULUM


| | |
|---|---|
| Who should attend | Objectives, audience, prerequisites |
| Agenda | 64 topics over 6 days |
| Formats and fees | Live, 1:1, self-paced, corporate |
| Trainer and reviews | Rajesh Kumar |
| Enrolment | Batches, payment, contacts |


## WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

**Course page:** www.devopsschool.com/courses/linux/red-hat-certified-system-administrator-rhcsa.html
**Talk to us:** WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

# Who this program is for

Use this page to decide whether Red Hat Certified System Administrator Training matches your role and experience.

1

### Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

### Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

### Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

**Preparing for the exam?** This course follows the official exam objectives and includes mock exams. DevOpsSchool is an independent training provider and is not affiliated with Red Hat.

AGENDA AT A GLANCE · 64 TOPICS OVER 6 DAYS

**Day 1**
18 topics · Introduction

**Day 2**
11 topics · Domain-2-Operate runnig systems

**Day 3**
8 topics · Domain-5-Manage users and groups

**Day 4**
9 topics · Package Management

**Day 5**
12 topics · Time Management in Red Hat Linux

**Day 6**
6 topics · Task automation by cron, at and anacron

AGENDA · 64 TOPICS OVER 6 DAYS

# Red Hat Certified System Administrator Training agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

## DAY 1

18 topics

1. Introduction
2. Installation
3. Installation continued
4. Summary - Section 1
5. Assignment
6. Essential Commands
7. Online documentation on Linux
8. man pages
9. Create, delete, copy and move files and directories
10. Use grep and regular expressions
11. Input Output Redirection
12. Access a shell prompt and issue commands with correct syntax
13. Accessing remote systems using ssh
14. Log in and switch users to multiuser targets
15. Using tar with gzip for file archiving
16. Different ways of changing hostname
17. Interacting with the Linux Shell
18. Typing your first commands in Linux terminal

## DAY 2

11 topics

19. Domain-2-Operate runnig systems
20. Linux Boot Process
21. Editing GRUB
22. Editing GRUB from boot menu
23. systemd
24. Process Management in RHEL7-System boot up,shotdown
25. Boot process
26. The PS command
27. systemd vs sysV
28. Nice, renice, kill and pkill
29. FSH - File system hierarchy

## DAY 3

8 topics

30. Domain-5-Manage users and groups
31. Adding and deleting local users

32. Changing passwords
33. Configuring password aging
34. Domain-6-Manage security
35. SELinux
36. SSH installation
37. SSH configuration

**DAY 4** — 9 topics

38. Package Management
39. YUM (Yellowdog Updater Modified)
40. YUM (Yellowdog Updater Modified) - 2
41. RPM - Red Hat Package Manager
42. Linux Text Editors
43. Nano text editor - 1
44. Nano text editor - 2
45. Vim Text Editor - 1
46. Vim Text Editor - 2

**DAY 5** — 12 topics

47. Time Management in Red Hat Linux
48. timedatectl command
49. Setting timezones
50. RPM - Red Hat Package Manager
51. Hardware clock and NTP
52. Kickstart
53. Introduction
54. Installing Apache
55. Apache Configuration
56. Kickstart client machine using web server
57. Kickstart client using ftp server
58. Using Kickstart Configurator

**DAY 6** — 6 topics

59. Task automation by cron, at and anacron
60. Introduction
61. Example of a cron job
62. cron and at
63. user access
64. anacron

HOW YOU CAN LEARN

## Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

| FORMAT | DURATION | WHAT YOU GET | FEE |
|---|---|---|---|
| **Live & interactive (online)** | Max 8-10 hours | Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month. | **INR 34,999** |
| **1:1 live training (online)** | Max 8-10 hours, one-to-one | The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace. | **INR 99,999** |
| **Self-paced video** | 1-year LMS access | This program plus 20+ more courses and 50+ tools, at your own pace. | **INR 833/month** billed yearly at INR 9,996 |
| **Corporate** | Planned with your team | A private batch for your team, on demand, with examples mapped to your platforms. | **Quote on request** |

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

## Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

| | |
|---|---|
| **20** years in industry | **200+** corporate trainings |
| **10,000+** engineers mentored | **70+** organisations coached |

REVIEWS

## What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

## Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

**ENROL OR RESERVE A SEAT**
**Red Hat Certified System Administrator Training**

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