

# RHCSA

## 60 Days Training Program



**Master the Linux Domain: Empower Your  
Career with RHCSA**



IIHT Jaipur believe that upskilling is mightier than massive layoffs. And not just us, but countless companies attest to it and have adopted this approach in their businesses as well. The domain expertise these upskilled individuals bring in is what sets them apart. We focus on nurturing these aspects. So, whether you are a student in college or a fresh graduate entering corporate, we have something for you to offer.

We are an online and offline training institution that provides students and professionals with courses in high demand. We provide training in a vast array of technologies, including Cloud Computing, DevOps, Cyber Security, Full stack development, Data Science, Digital Marketing, and Web Development, among others.

The RHCSA training in Jaipur is instructor-led, real-time, delivered by trained instructors in an interactive, virtual environment, and provides the same content and practical labs as the comparable classroom-based courses, including virtual lab equipment. With its open source software for so many different industries, Red Hat assures you of a bright future.

### **Jobs-focused programmes**

Our career-oriented programme provides you a 100% employment guarantee along with IT training across all domains, including internship experience, certifications, hands-on lab practise, and soft skills training, all of which will prepare you for the workforce.

### **Live Instructor Led Programs**

IT certification boot camps, live, instructor-led, hands-on networking courses, and onsite training. We are aware that each person has a preferred way to learn.

### **Make a path for your IT Certification**

Keeping up with technological advancements is challenging enough; finding and overseeing IT staff that embrace these advancements is much more challenging.





## Understand and use essential tools

- Access a shell prompt and issue commands with correct syntax
- Use grep and regular expressions to analyze text and filtering
- Access remote systems using SSH protocol
- Create and edit text files
- Create, delete, copy, and move files and directories
- Archive, compress, unpack, and uncompress files using tar, star, gzip, and bzip2
- List, set, and change standard ugo/rwx permissions
- Locate, read, and use system documentation including man, info, and files in /usr/share/doc. Use input-output redirection (>, >>, |, 2>, etc.)

## Operate running systems

- Boot, reboot, and shut down a system normally
- Identify CPU/memory intensive processes and kill processes
- Preserve system journals
- Start, stop, and check the status of network services
- Securely transfer files between systems

## Configure local storage

- List, create, delete partitions on MBR and GPT disks
- Create and remove physical volumes
- Assign physical volumes to volume groups
- Create and delete logical volumes
- Configure systems to mount file systems at boot by universally unique ID (UUID) or label
- Add new partitions and logical volumes, and swap to a system non-destructively

## Create and configure file systems

- Create, mount, unmount, and use vfat, ext4, and xfs file systems
- Mount and unmount network file systems using NFS
- Extend existing logical volumes

## Deploy, configure, and maintain systems

- Schedule tasks using at and cron
- Start and stop services and configure services to start automatically at boot
- Configure systems to boot into a specific target automatically
- Configure time service clients
- Install and update software packages from Red Hat Network, a remote repository, or from the - local file system
- Work with package module streams
- Modify the system bootloader

## Manage basic networking

- Configure IPv4 and IPv6 addresses



- Configure hostname resolution
- Configure network services to start automatically at boot
- Restrict network access using firewall-cmd/firewall

## Manage users and groups

- Create, delete, and modify local user accounts
- Change passwords and adjust password aging for local user accounts
- Create, delete, and modify local groups and group members
- Configure superuser access

## Manage security

- Configure firewall settings using firewall-cmd/firewalld
- Create and use file access control lists
- Configure key-based authentication for SSH
- Set enforcing and permissive modes for SELinux
- List and identify SELinux file and process context
- Use boolean settings to modify system SELinux settings




 9462081318 | 9057015702

 0141-2721218

 [www.iiht.org.in](http://www.iiht.org.in)

 [info@iiht.org.in](mailto:info@iiht.org.in)

 47, Jai Ambey Nagar, Opp. Jaipur Hospital, Main Tonk Road, Flyover, Near Gopalpura, Jaipur, Rajasthan - 302018