

Hello All...

Welcome to the Demo Session





Linux Administrator 101 (RHCSA)

About Me

- Karthik S
- I have 3 Years of Industry Experience
- RHCSA Certified
- Handled more than 7000+ servers





Linux Overview

User Management
Disk Management
Process Management



01
User Management

02
**Disk
Management**

03
**Process
Management**

04
**Server
Troubleshooting**

05
**Basic
Networking**



WHY RHCSA (EX200)?

RHCSA Syllabus Overview

Introduction to Red hat Enterprise Linux 8

Essential & Advanced Linux Commands

Installation of RHEL 8 in VMWare Workstation and AWS instance

Performance Monitoring

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 memberships
- Configure superuser access

RHCSA Syllabus Overview

- Understand and use essential tools
- Use grep and regular expressions to analyze text
- Access remote systems using SSH
- Archive, compress, unpack, and uncompress files using tar, star, gzip, and bzip2
- Create, delete, copy, and move files and directories
- Create hard and soft links
- List, set, and change standard ugo/rwx permissions

RHCSA Syllabus Overview

Operate running systems

- Boot, reboot, and shut down a system normally
- Boot systems into different targets manually
- Interrupt the boot process in order to gain access to a system
- Identify CPU/memory intensive processes and kill processes
- Manage tuning profiles
- Locate and interpret system log files and journals
- Preserve system journals
- Start, stop, and check the status of network services
- Securely transfer files between systems

RHCSA Syllabus Overview

Configure LVM

- 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

RHCSA Syllabus Overview

Create and configure file systems

- Create, mount, unmount, and use vfat, ext4, and xfs file systems
- Extend existing logical volumes
- Create and configure set-GID directories for collaboration
- Diagnose and correct file permission problems
- LVM deletion

RHCSA Syllabus Overview

Manage security

- Configure key-based authentication for SSH
- Configure firewall settings using firewall-cmd/firewalld
- Manage default file permissions
- Set enforcing and permissive modes for SELinux
- List and identify SELinux file and process context

Manage basic networking

- Configure IPv4 and IPv6 addresses
- Configure hostname resolution
- Configure network services to start automatically at boot



ANNOUNCEMENTS



**Course: Linux Administration
(RHCSA)**

Faculty : Karthik

**Batch Starts on: Wednesday,
Sep 21 at 4:00 PM IST**

Duration: 20 Days (Approx.)

Each Session: 1 Hour

Course Fee: INR 3540 / USD 48

**New members who is not part
of any other Linux Admin group
can join with below group link**

Linux Admin 101-3

**ALL THE RESOURCES WILL BE
SHARED VIA WHATSAPP GROUP**

Any Doubts or Query:
karthik@logiclabstech.com





LET'S START THE TRAINING

The illustration features a light blue background with large, soft-edged shapes in pink, blue, and orange. A dotted line traces a path from a cloud in the top left, loops around a small orange triangle, and then points directly at a paper airplane. The paper airplane is white with orange wings and a tail. To the right of the airplane is another cloud, and further right is the text 'LET'S START THE TRAINING' in a bold, dark blue, sans-serif font.