Red Hat® Enterprise Linux® 9

RHCSA

- Red Hat System Administration I (RH124)
- Red Hat System Administration II (RH134)

RHCE

- Red Hat System Administration III: Linux Automation with Ansible (RH294)

OR

RHCSA

- Create, view, and edit text files
- Manage local users and groups
- Monitor and manage Linux processes
- Control services and daemons
- Control access to files with file system permissions
- Analyse and store log files
- Configure and secure the OpenSSH service
- Install and update software packages
- Access Linux file systems
- Manage Linux networking
- Managing physical storage
- Install and configure software components and services
- Establish network connections and control firewall restrictions
- Monitor and manage running processes
- Manage and secure files and file systems
- Review the system log files
- Troubleshoot problems and analyse systems with Red Hat Insights
- Remotely manage systems with SSH and the Web Console
- Schedule future tasks
- Tune system performance
- Control access to files with ACLs
- Manage SELinux security
- Maintain basic storage
- Manage logical volumes
- Implement advanced storage features
- Access network-attached storage -NFS
- Control the boot process
- Manage network security

RHCE

- Install Red Hat Ansible Engine.
- Configure Ansible to manage hosts and run ad hoc Ansible commands.
- Write a simple Ansible Playbook and run it to automate tasks on multiple managed hosts.
- Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.
- Manage task control and task errors in Ansible Playbooks.
- Deploy, manage, and adjust files on hosts managed by Ansible.
- Write playbooks that are optimized for larger, more complex projects.
- Troubleshoot playbooks and managed hosts.
- Automate common Linux system administration tasks with Ansible.
- Secure playbook with Ansible vault.
- **Configure servers-**

  - DNS Server
  - NFS Server
  - DHCP Server
  - Web Server – Apache
  - SAMBA Server
  - Configure MariaDB