

# RED HAT ENTERPRISE LINUX AUTOMATION WITH ANSIBLE (RH294)

Course Code: 100443

Learn how to automate Linux system administration tasks with Red Hat Ansible Automation Platform.

Red Hat Enterprise Linux Automation with Ansible (RH294) is designed for Linux system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration.

This course is based on Red Hat Enterprise Linux 9 and Red Hat Ansible Automation Platform 2.2

## Course content summary

- Installing Red Hat Ansible Automation Platform on control nodes.
- Creating and updating inventories of managed hosts and managing connections to them.
- Automating administration tasks with Ansible Playbooks and ad hoc commands.
- Writing effective playbooks at scale.
- Protecting sensitive data used by Ansible Automation Platform with Ansible Vault.
- Reusing code and simplifying playbook development with Ansible Roles and Ansible Content Collections.

## What You'll Learn

### Impact on the organization

- Bring operational efficiency by removing manual processes through automation.
- Easily scale the organization's dynamic IT infrastructure.
- Accelerate application time to value.
- Rapidly adapt and implement needed innovation through DevOps practices.

### Impact on the individual

You will be able to apply automation first principles to solve real-world Linux system and services problems through the effective creation of Ansible playbooks and application of Red Hat Ansible Automation Platform. You will gain the skills to automate your workflows, build the foundation for DevOps practices, and learn how to leverage Ansible Automation Platform for developmental efficiencies.

## Who Needs to Attend

### Audience for this course

This course is geared toward Linux system administrators, DevOps engineers, infrastructure automation engineers, and systems design engineers who are responsible for these tasks:

- Automating configuration management
- Ensuring consistent and repeatable application deployment
- Provisioning and deployment of development, testing, and production servers
- Integrating with DevOps continuous integration/continuous delivery workflows

### Prerequisites

- Pass the Red Hat Certified System Administrator (RHCSA) exam (EX200), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience
- Take our free assessment to gauge whether this offering is the best fit for your skills.

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