

RH295

Red Hat Enterprise Linux Automation with Ansible and exam

Course description

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

Red Hat Enterprise Linux Automation with Ansible and exam (RH295) is designed for Linux system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration.

The [Red Hat Certified Engineer \(RHCE\) exam \(EX294\)](#) is included in this offering. This offering is based on Red Hat® Enterprise Linux 9 and Red Hat Ansible Automation Platform 2.2.

Prerequisites for this course

Pass the [Red Hat Certified System Administrator \(RHCSA\) exam \(EX200\)](#), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience.

Outline for this course

Introduce Ansible

Describe the fundamental concepts of Red Hat Ansible Automation Platform and how it is used, and install Red Hat Ansible Automation Platform

Implement an Ansible playbook

Create an inventory of managed hosts, write a simple Ansible playbook, and run the playbook to automate tasks on those hosts.

Manage variables and facts

Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

Implement task control

Manage task control, handlers, and task errors in Ansible Playbooks.

Deploy files to managed hosts

- Manage task control, handlers, and task errors in Ansible playbooks.

- Managing complex plays and playbooks

- Write playbooks for larger, more complex plays and playbooks.

- Simplify playbooks with roles

- Use Ansible roles to develop playbooks more quickly and to reuse Ansible code.

- Troubleshoot Ansible

- Troubleshoot playbooks and managed hosts.

- Automate Linux administration tasks

- Automate common Linux system administration tasks with Ansible.