Red Hat Enterprise Linux Automation with Ansible (5 Days)

Course Overview

Red Hat Enterprise Linux Automation with Red Hat Ansible Automation Platform (RH294) is designed for Linux administrators and developers who need to automate repeatable and error-prone steps for system provisioning, configuration, application deployment, and orchestration. This course is based on Red Hat® Enterprise Linux® 9 and Red Hat Ansible Automation Platform 2.2

Skills Gained

- Install Red Hat Ansible Automation Platform on control nodes.
- Create and update inventories of managed hosts and manage connections to them.
- Automate administration tasks with Ansible Playbooks.
- Write effective playbooks at scale.
- Protect sensitive data used by Ansible Automation Platform with Ansible Vault.
- Reuse code and simplify playbook development with Ansible Roles and Ansible Content Collections

Who Can Benefit

This course is geared towards 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

Course Outline

- **Introduce Red Hat Ansible Automation Platform**

- **Implement an Ansible playbook**

- **Manage variables and facts**

- **Implement task control**

- **Deploy files to managed hosts**

- **Manage complex plays and playbooks**

- **Simplify playbooks with roles**

- **Troubleshoot Red Hat Ansible Automation Platform**

- **Automate Linux administration tasks**