

Managing Enterprise Automation with Red Hat Ansible Automation Platform

Course Duration: 40 Hours

Course Code: Do467

1. Course Overview

The **Managing Enterprise Automation with Red Hat Ansible Automation Platform (DO467)** course is designed for IT professionals who want to **scale automation across enterprise environments**. It provides the knowledge and skills to **install, configure, and manage automation controller, automation mesh, and automation content** in large organizations.

This training helps learners build **centralized, secure, and scalable automation strategies**, preparing them for real-world enterprise deployment of **Ansible Automation Platform**.

2. What You'll Learn?

By completing this course, participants will be able to:

- Install and configure **Ansible Automation Platform 2.x**.
- Manage **automation controller, execution environments, and mesh nodes**.
- Organize and control **inventories, projects, playbooks, and workflows**.
- Set up **role-based access control (RBAC)** for multi-team collaboration.
- Integrate automation with **source control (Git)** and external services.

- Monitor and troubleshoot automation jobs.
- Scale automation across **hybrid and multi-cloud environments**.

3. Target Audience

This course is intended for:

- **System Administrators and DevOps engineers** managing automation at scale.
- **Automation architects** responsible for enterprise automation strategy.
- **IT managers** implementing automation across teams and departments.
- Professionals preparing for advanced Red Hat automation certification.

4. Pre-Requisites

- Basic knowledge of **Linux system administration**.
- Experience running **Ansible Playbooks** (DO374 or equivalent skills recommended).
- Familiarity with **networking and cloud environments** is useful but not mandatory.

5. Course Content

Module 1: Introduction to Enterprise Automation

- Enterprise automation concepts
- Role of Ansible Automation Platform

Module 2: Installing and Configuring Ansible Automation Platform

- Automation controller installation
- Automation mesh configuration

Module 3: Managing Automation Controller

- Users, teams, and RBAC
- Credentials and secrets management

Module 4: Working with Automation Content

- Managing inventories, playbooks, and projects
- Using execution environments

Module 5: Building and Running Workflows

- Job templates and workflows
- Integrating with Git repositories

Module 6: Scaling Automation Across Enterprises

- Managing execution nodes and automation mesh
- High availability and performance tuning

Module 7: Security and Policy Enforcement

- Secrets management
- Compliance and access controls

Module 8: Monitoring and Troubleshooting Automation

- Analyzing job results and logs
- Troubleshooting failed automation