

Configuration as Code for Enterprise Automation with Red Hat Ansible Automation Platform (AU245)

ID AU245 Price 2,805.— €(excl. VAT) Duration 3 days

Who should attend

- Ansible automation architects and platform engineers who need to plan, design, and deploy Ansible automation infrastructure for their organizations.
- System administrators, site reliability engineers, and DevOps engineers who support automation operations and need to provide, manage, operate, and maintain Ansible automation infrastructure.

Prerequisites

- Practical experience writing and running Ansible Playbooks.
- A solid understanding of core Ansible concepts, including inventories, variables, Ansible Roles, and Ansible Content Collections.
- Basic familiarity with the Red Hat Ansible Automation Platform interface and concepts such as projects, inventories, and job templates.
- Recommended but not required [Managing Enterprise Automation with Red Hat Ansible Automation Platform \(AU467\)](#).

Course Objectives

Impact on the Organization

Implementing a Configuration as Code methodology empowers enterprises to establish a robust, version-controlled, and automated pipeline for configuration management. This approach overcomes the barriers to reliably scaling automation by ensuring configuration consistency, improving change tracking, and significantly reducing the operational risks and downtime associated with manual, error-prone deployments.

Impact on the Individual

You will build a foundation in Git and CI/CD principles to help you transition from the manual administration of Red Hat Ansible

Automation Platform to an automated approach. This equips you with the essential, hands-on skills to begin using configurations as code, allowing you to safely validate, test, and promote deployments from staging environments to production. By adopting these fundamental operations practices, you will improve team collaboration, reduce deployment errors, and learn to confidently execute critical system changes.

Course Content

Introduction to Configuration as Code (CaC) using Git and CI/CD principles to establish a robust, version-controlled, and automated pipeline for Red Hat Ansible Automation Platform configuration management.

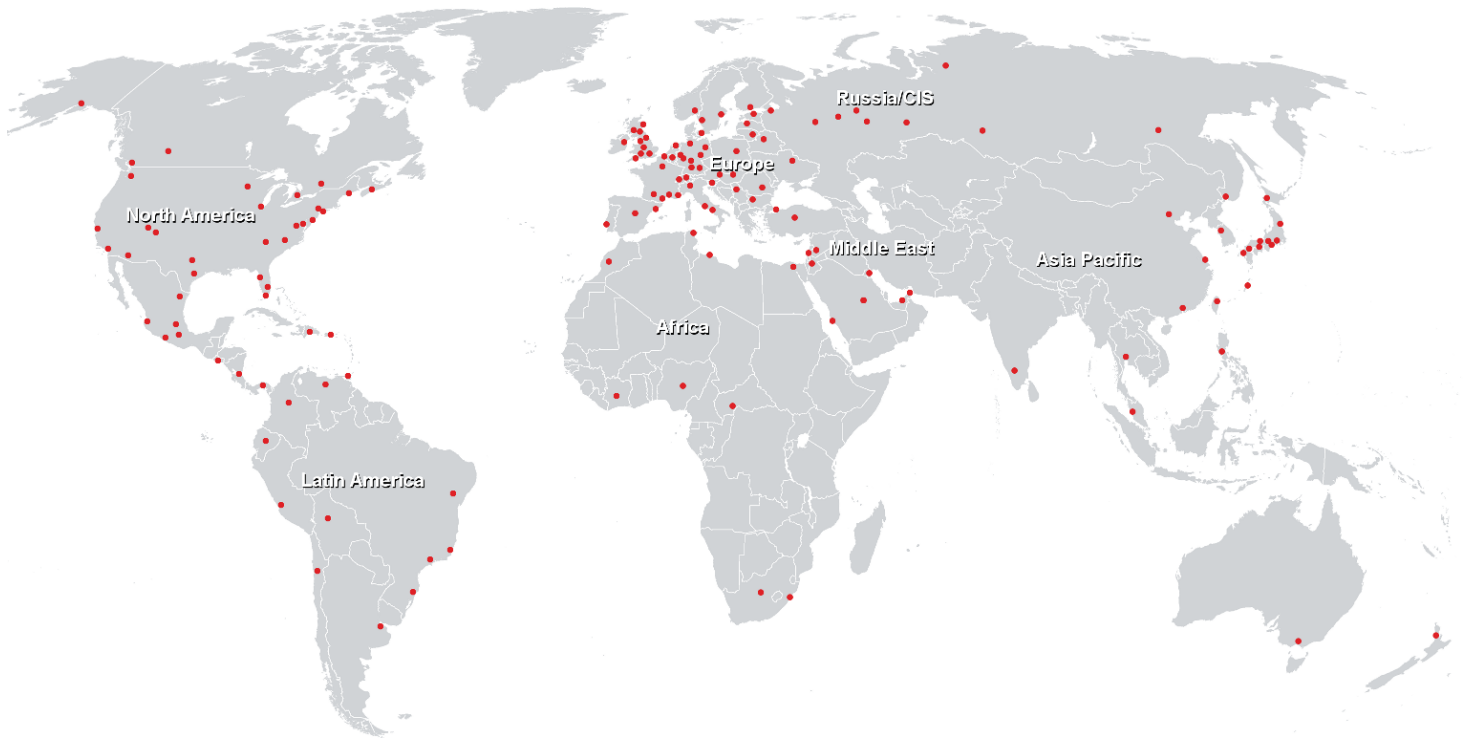
Configuration as Code for Enterprise Automation with Red Hat Ansible Automation Platform (AU245) is designed to teach IT professionals how to scale and manage Red Hat Ansible Automation Platform applying Configuration as Code core principles.

Course Content Summary

- Introducing configuration as code and CI/CD principles to overcome barriers to reliably scaling automation.
- Managing code and configuration files using the Git distributed version control system.
- Collaborating in Git repositories and synchronizing local and remote content to enable distributed workflows.
- Managing Red Hat Ansible Automation Platform with configuration as code, utilizing git, validated Ansible content collections and automated CI/CD pipelines.

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Training Centres worldwide



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