

Configuration as Code for Enterprise Automation with Red Hat Ansible Automation Platform

Course code: AU245

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.

Affiliate	Duration	Course price	ITB
Praha	3	1 905 Kč	0
Brno	3	1 905 Kč	0
Bratislava	3	1 905 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
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The prices are without VAT.

Who is the course for

- 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.

What we teach you

- 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.

Required skills

- 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- Complete
- Managing Enterprise Automation with Red Hat Ansible Automation Platform (AU467).

Course outline

Configuration as Code and CI/CD Principles

- Overcome barriers to reliably scaling automation by using the Configuration as Code methodology, and understand its relationship to continuous integration/continuous delivery (CI/CD) principles.

Introduction to Git

- Manage, store, and revise code and configuration files by using the Git distributed version control system; understand its key principles of operation; and collaborate efficiently by using tags, branches, and conflict resolution.

Collaborating in Git Repositories

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Configuration as Code for Enterprise Automation with Red Hat Ansible Automation Platform

- Collaboratively develop code and manage configuration files in Git repositories, using methods that can enable distributed or centralized workflows.

Configuration as Code for Ansible Automation Platform

- Manage a Red Hat Ansible Automation Platform organization by applying Configuration as Code and CI/CD principles.

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