Managing Enterprise Automation with Red Hat Ansible Automation Platform (AU467)

Cursusduur: 4 Dagen **Cursuscode: AU467** **Trainingsmethode: Virtual Learning**

Beschrijving:

Manage complex Red Hat Ansible automation workflows at scale and prevent single points of failure.
Managing Enterprise Automation with Red Hat Ansible Automation Platform (AU467) is for experienced DevOps engineers or Linux system administrators who want to centralize and control their automation execution at scale and privately share Ansible content across their organizations.
Deploy efficient and reliable management of your Ansible automation infrastructure to streamline IT automation of systems in your enterprise, increasing your cost savings and operational efficiency.
As a result of taking this course, you will learn how to install and manage automation controller, private automation hub, and automation mesh components of Red Hat Ansible Automation Platform 2 in order to deploy and operate Ansible automation services for your organization that you can extend to a larger scale.
This course is based on Red Hat Ansible Automation Platform 2.5.
Note : *Starting January 1, 2026, Red Hat introduces RHLS-Course — a flexible subscription model now included with this catalog offering. This replaces the previous direct virtual class enrollment from Global Knowledge.*
When you purchase this item, you'll receive an RHLS subscription at the course level, giving you the freedom to choose the schedule that works best and self-enroll in your selected class.
Your RHLS subscription includes:
• One live, instructor-led virtual session
• 12 months of self-paced learning access
• One certification exam with a free retake
Onsite Classroom-based sessions and closed course options remain unchanged.
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Doelgroep:

This course is designed for users who need to provide, manage, and maintain Ansible automation infrastructure for their organizations, including these roles:Ansible automation engineers and architects Linux system administrators supporting automation operations DevOps engineers

Doelstelling:

- After this course participants should be able to:
- Discuss of the architecture of Red Hat Ansible Automation Platform 2.
- Install and configure automation controllers and private automation hubs to centrally coordinate and scale Red Hat Ansible Automation Platform.
- Integrate Red Hat Ansible Automation Platform with centralized Git repository.
- Handle management of users, teams, and access permissions in Red Hat Ansible Automation Platform services.
- Create and manage workflows that execute automation based on the success or failure of previous jobs.
- Configure and manage automation mesh to distribute execution between automation controller and remote execution nodes.
- Perform troubleshooting and maintenance of Red Hat Ansible Automation Platform services.
- Discuss recommended practices to ensure high availability and scalability of a large automation cluster.

Vereiste kennis en vaardigheden:

Examens en certificering

- Be a Red Hat Certified Engineer (RHCE®) on Red Hat Enterprise Linux 8, or demonstrate equivalent Ansible experience
- Complete Developing Advanced Automation with Red Hat Ansible Automation Platform (AU374).
- Pass EX374 to achieve Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform on Red Hat Ansible Automation Platform 2.

Take Red Hat free assessment to gauge whether this offering is the best fit for your skills Red Hat Skills Assessment

- AU374 - Developing Advanced Automation with Red Hat Ansible Automation Platform
- Red Hat Certified Specialist Managing Automation Ansible Automation Platform Exam (EX467)

Vervolgcursussen:

- Red Hat Services Management and Automation (RH358)
- Microsoft Windows Automation with Red Hat Ansible (DO417 - AU417)
- Ansible for Network Automation (DO457 - AU457)
- DO417 - Microsoft Windows Automation with Red Hat Ansible
- DO457 - Network Automation with Red Hat Ansible Automation Platform
- RH358 - Red Hat Services Management and Automation

Cursusinhoud:

Installing Red Hat Ansible Automation Platform

- Explain what Red Hat Ansible Automation Platform is and explore installation strategies.

Managing user access

- Create user accounts, organize users into teams, and assign roles to administer and access Ansible Automation Platform resources.

Managing inventories and machine credentials

- Create inventories of machines to manage, and configure credentials necessary for automation controller's execution nodes to log in and run Ansible jobs on those systems.

Managing projects and launch Ansible jobs

- Create projects and job templates in the Ansible Automation Platform unified UI, and use them to launch Ansible Playbooks that are stored in Git repositories, in order to automate tasks on managed hosts.

Configuring advanced job configuration

- Configure advanced job template features to more effectively and efficiently implement jobs.

Constructing job workflows

- Assemble existing job templates into a sequential, branching workflow that can launch multiple jobs, run jobs to recover from a preceding failure in the workflow, and request user approval before the workflow can be advanced past a certain point.

Managing advanced inventories

- Manage inventories that are dynamically generated from external data sources by using plug-ins, or are constructed from a filtered set of hosts in existing inventories.

Automating configuration of Ansible Automation Platform

- Automate the configuration and deployment of Red Hat Ansible Automation Platform services by using Ansible Content Collections, the automation controller API, and Git webhooks.

Maintaining Red Hat Ansible Automation Platform

- Perform routine maintenance and administration of Red Hat Ansible Automation Platform.

Building a large scale Red Hat Ansible Automation Platform deployment

- Scale up your Red Hat Ansible Automation Platform deployment by using automation mesh and dispersed execution nodes.

Comprehensive review

- Demonstrate skills learned in this course by configuring private automation hub and by configuring and operating a new organization in automation controller using a provided specification, Ansible projects, and hosts to be provisioned and managed.

Extra informatie:

Official course book provided to participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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