



Training Program



Red Hat® Automation with Ansible® (DO407)

Red Hat® Automation with Ansible® (DO407) is designed for Linux® system administrators and developers who need to automate provisioning, configuration, application deployment, and orchestration. You will learn how to install and configure Ansible® on a management workstation and prepare managed hosts for automation.

Duration
5 Days

Certification
Red Hat® Automation with Ansible® (DO407)

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(703) 554-3827
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EXCELLENCE
THROUGH
EDUCATION

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Incorporating IT automation is key to managing large numbers of systems and applications efficiently and consistently at scale. In this course, you will write Ansible® playbooks to automate tasks, and you will run them to ensure servers are correctly deployed and configured. You will also explore examples of how to approach the automation of common Linux® system administration tasks.

Course content summary

- Install Ansible/Red Hat® Ansible® Engine on control nodes.
- Create and update inventories of managed hosts and manage connections to them.
- Automate administration tasks with Ansible® playbooks and ad hoc commands.
- Write effective Ansible® playbooks at scale.
- Protect sensitive data used by Ansible® with Ansible® Vault.
- Reuse code and simplify playbook development with Ansible® roles.

PREREQUISITES

Red Hat® System Administration® I (RH124)

Recommended next exam or course

- Red Hat® Certified Specialist® in Ansible Automation® exam (EX407)
- Red Hat® Automation with Ansible® II: Ansible Tower (DO409)

TARGET AUDIENCE

This course is designed for Linux® system administrators, DevOps engineers, infrastructure automation engineers, and systems design engineers. The curriculum is particularly geared toward those responsible for automation of configuration management; consistent and repeatable application deployment; provisioning and deployment of development, testing, and production servers; and integration with DevOps CI/CD workflows.



Learning Objectives

- Introduction to Ansible®
- Deploy Ansible®
- Implement playbooks
- Manage variables and facts
- Implement task control
- Deploy files to managed hosts
- Manage large projects
- Simplify playbooks with roles
- Troubleshoot Ansible®
- Automate Linux® administration tasks
- Comprehensive review

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Course Schedule



SESSION 1:

- Introduction to Ansible®
- Deploy Ansible®
- Implement playbooks

SESSION 2:

- Manage variables and facts
- Implement task control
- Deploy files to managed hosts

SESSION 3:

- Manage large projects
- Simplify playbooks with roles
- Troubleshoot Ansible®

SESSION 4:

- Automate Linux® administration tasks
- Comprehensive review

COURSE FEATURES

- Live, Instructor-led training in modern classrooms
- Thorough review of all Red hat® topics by industry experts
- Hands-on labs
- 24 x 7 access to the real labs in classrooms and remotely
- 100% latest material & and thousands of realistic practice questions
- Confidence building hands-on training with simulated exams
- Authorized Pearson VUE testing at same location to help you complete your exam*
- Study material, notes, videos and practice questions included in course price

Sign Up Today!



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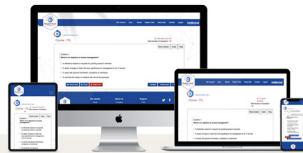
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