



Training Program



Red Hat® Linux Automation with Ansible (RH294)

Red Hat Linux Automation with Ansible (RH294) teaches the skills needed to manage large numbers of systems and applications efficiently and consistently. You will learn the techniques needed to use Ansible® to automate provisioning, configuration, application deployment, and orchestration.

Duration

5 Days (Virtual) or 4 Days Classroom

Certification

Red Hat Linux Automation with Ansible (RH294)

Contact Us

(571) 577-7890

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EXCELLENCE
THROUGH
EDUCATION

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IT automation is key to managing large numbers of systems and applications efficiently and consistently at scale. This course develops the skills needed to efficiently operate and more easily scale the organization's dynamic IT infrastructure, accelerate application time to value, and rapidly adapt and implement needed innovation through DevOps practices.

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 playbooks at scale.
- Protect sensitive data used by Ansible with Ansible Vault.
- Reuse code and simplify playbook development with Ansible roles.

PREREQUISITES

Pass the Red Hat Certified System Administrator (RHCSA) exam (EX200), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience.

Recommended next exam or course

- Red Hat Certified Engineer (RHCE) exam on Red Hat Enterprise Linux 8 (EX294)
- Advanced Automation: Ansible Best Practices (DO447)

TARGET AUDIENCE

This course is geared toward Linux system administrators, DevOps engineers, infrastructure automation engineers, and systems design engineers who are responsible for these tasks:

- Automating configuration management
- Ensuring consistent and repeatable application deployment
- Provisioning and deployment of development, testing, and production servers
- Integrating with DevOps continuous integration/continuous delivery workflows



Learning Objectives

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

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Course Schedule



SESSION 1:

- **Introduce Ansible**
Describe Ansible concepts and install Red Hat Ansible Engine.
- **Deploy Ansible**
Configure Ansible to manage hosts and run ad hoc Ansible commands.

SESSION 2:

- **Implement playbooks**
Write a simple Ansible Playbook and run it to automate tasks on multiple managed hosts.
- **Manage variables and facts**
Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

SESSION 3:

- **Implement task control**
Manage task control, handlers, and task errors in Ansible Playbooks.
- **Deploy files to managed hosts**
Deploy, manage, and adjust files on hosts managed by Ansible.

SESSION 4:

- **Manage large projects**
Write playbooks that are optimized for larger, more complex projects.
- **Simplify playbooks with roles**
Use Ansible roles to develop playbooks more quickly and to reuse Ansible code.

SESSION 5:

- **Troubleshoot Ansible**
Troubleshoot playbooks and managed hosts.
- **Automate Linux administration tasks**
Automate common Linux system administration tasks with Ansible.

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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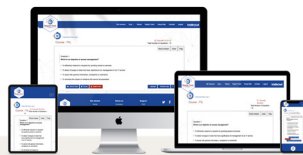
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WHEN YOU ENROLL IN A INTELLECTUAL POINT CLASS, YOU WILL GET:

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- Resume Help
- Job Placement

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