RED HAT ENTERPRISE LINUX AUTOMATION WITH ANSIBLE (AU294)

Course Code: 832026

AU294 - Learn how to automate Linux system administration tasks with Red Hat Ansible Automation Platform

Red Hat Enterprise Linux Automation with Red Hat Ansible Automation Platform (AU294) is designed for Linux administrators and developers who need to automate repeatable and error-prone steps for system provisioning, configuration, application deployment, and orchestration.

This course is based on Red Hat® Enterprise Linux® 10, Ansible Core 2.16 and Ansible development tools in alignment with Red Hat Ansible Automation Platform 2.5 and 2.6.

Nb: This course replaces RH294 (on Red Hat® Enterprise Linux® 9)

Red Hat Learning Subscription COURSE – Included with Your Purchase

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.

What You'll Learn

After completing this course, learners should be able to:
- Install Red Hat Ansible Automation Platform on control nodes.
- Create and update inventories of managed hosts and manage connections to them.
- Automate administration tasks with Ansible Playbooks.
- Write effective playbooks at scale.
- Protect sensitive data used by Ansible Automation Platform with Ansible Vault.

- Reuse code and simplify playbook development with Ansible Roles and Ansible Content Collections.

Who Needs to Attend

This course is geared towards 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

Prerequisites

Pass the Red Hat Certified System Administrator (RHCSA) exam (EX200), or demonstrate equivalent Red Hat Enterprise Linux knowledge and experience Confirmation of the correct skill set knowledge can be obtained by passing the online skills assessment at Red Hat Skills Assessment

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VIRTUAL CLASSROOM LIVE	$6,345 CAD	4 Day

Virtual Classroom Live Outline

Introduce Red Hat Ansible Automation Platform

- Describe the fundamental concepts of Red Hat Ansible Automation Platform and how it is used, and install Red Hat Ansible Automation Platform.

Implement an Ansible playbook

- Create an inventory of managed hosts, write a simple Ansible playbook, and run the playbook to automate tasks on those hosts.

Manage variables and facts

- Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

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 Automation Platform.

Manage complex plays and playbooks

- Write playbooks for larger, more complex plays and playbooks.

Simplify playbooks with roles

- Use Ansible Automation Platform roles to develop playbooks more quickly and to reuse Ansible Automation Platform code.

Troubleshoot Red Hat Ansible Automation Platform

- Troubleshoot playbooks and managed hosts.

Automate Linux administration tasks

- Automate common Linux system administration tasks with Ansible Automation Platform.

Virtual Classroom Live Labs

- Labs are provided by RedHat for this course

Mar 9 - 12, 2026 | 10:30 AM - 6:30 PM EDT

Mar 23 - 26, 2026 | 10:30 AM - 6:30 PM EDT

Apr 6 - 9, 2026 | 10:30 AM - 6:30 PM EDT

Apr 13 - 16, 2026 | 10:30 AM - 6:30 PM EDT

Apr 20 - 23, 2026 | 10:30 AM - 6:30 PM EDT

May 11 - 14, 2026 | 10:30 AM - 6:30 PM EDT

Jun 1 - 4, 2026 | 10:30 AM - 6:30 PM EDT

Jun 8 - 11, 2026 | 10:30 AM - 6:30 PM EDT

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ON-DEMAND	$6,345 CAD

On-Demand Outline

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Manage variables and facts

- Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

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- Manage task control, handlers, and task errors in Ansible playbooks.

Deploy files to managed hosts

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- Use Ansible Automation Platform roles to develop playbooks more quickly and to reuse Ansible Automation Platform code.

Troubleshoot Red Hat Ansible Automation Platform

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