Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS)

Category: AI, Data & Analytics | **Vendor:** Red Hat

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Related Exam:	Developing Advanced Automation with Red Hat Ansible Automation Platform; Application Services

Course Overview

Advance your Ansible skills and develop automation that scales by applying recommended practices with the new, container focused tools from Red Hat Ansible Automation Platform Developing Advanced Automation with Red Hat Ansible Automation Platform (AU374) is designed for automation content developers to leverage the new, container focused tools from Red Hat® Ansible Automation Platform to efficiently develop automation that can be managed by the automation controller. Learn recommended practices for automation development using reusable code, advanced playbook techniques, shared execution environments, and preparing for scalable automation with the automation content navigator. This course is based on Red Hat Ansible Automation Platform 2.5. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat’s validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

About This Course

Advance your Ansible skills and develop automation that scales by applying recommended practices with the new, container focused tools from Red Hat Ansible Automation Platform Developing Advanced Automation with Red Hat Ansible Automation Platform (AU374) is designed for automation content developers to leverage the new, container focused tools from Red Hat® Ansible Automation Platform to efficiently develop automation that can be managed by the automation controller. Learn recommended practices for automation development using reusable code, advanced playbook techniques, shared execution environments, and preparing for scalable automation with the automation content navigator. This course is based on Red Hat Ansible Automation Platform 2.5. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat’s validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

Who Should Attend

- Developers
- DevOps engineers
- Linux system administrators
- Other IT professionals with basic expertise using Red Hat Ansible Automation Platform to automate, provision, configure, and deploy applications and services in a Linux environment

Prerequisites & Entry Requirements

General Prerequisites:

- Red Hat Enterprise Linux Automation with Ansible (RH294)
- Be a Red Hat Certified Engineer (RHCE®) on Red Hat Enterprise Linux 8, or demonstrate equivalent Ansible experience

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Use the capabilities of automation content navigator to develop Ansible Playbooks. Apply recommended practices for effective and efficient automation with Ansible. Use advanced features of Red Hat Ansible Automation Platform to work with data, including filters and plug-ins. Perform automation operations as rolling updates. Create automation execution environments to bundle and distribute the dependencies needed to run automation code.

Detailed Course Outline

1 - Develop Playbooks with Ansible Automation Platform 2

- Develop Ansible Playbooks with Red Hat Ansible Automation Platform 2 by following recommended practices.

2 - Manage Ansible Content Collections and Automation Execution Environments

- Run playbooks that use content collections not included in ansible-core, either from an existing execution environment or by downloading them from the automation hub.

3 - Run Playbooks with Automation Controller

- Explain what automation controller is and demonstrate how to use it to run playbooks that you developed with automation content navigator.

4 - Work with Ansible Configuration Settings

- Examine and adjust the configuration of Ansible and automation content navigator to simplify development and to troubleshoot issues.

5 - Manage Inventories

- Manage inventories by using advanced features of Ansible.

6 - Manage Task Execution

- Control and optimize the execution of tasks by Ansible Playbooks.

7 - Transform Data with Filters and Plug-ins

- Populate, manipulate, and manage data in variables using filters and plug-ins.

8 - Coordinate Rolling Updates

- Use advanced features of Ansible to manage rolling updates in order to minimize downtime and to ensure maintainability and simplicity of Ansible Playbooks.

9 - Create Ansible Content Collections and Automation Execution Environments

- Write your own Ansible Content Collections, publish them, embed them in a custom automation execution environment, and run them in playbooks by using automation controller.

Frequently Asked Questions

Q: What delivery options are available for Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: Which exam does this course prepare me for?

This course prepares you for the Developing Advanced Automation with Red Hat Ansible Automation Platform; Application Services official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 4-day Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS) training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Developing Advanced Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (AU374LS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

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