Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS)

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:	Microsoft Windows Automation with Red Hat Ansible Automation Platform; Application Services; DO417

Course Overview

Learn how to automate administration on Windows Server to enable your DevOps workflow Microsoft Windows Automation with Red Hat Ansible (DO417) is designed for Windows Server professionals without previous Ansible® experience. You will use Ansible to write automation playbooks for Microsoft Windows systems to perform common system administration tasks reproducibly at scale. You will also learn to use Red Hat® Ansible Tower to securely manage and run your Ansible playbooks from a central web-based user interface. This course is based on Red Hat Ansible Engine 2.8, Red Hat Ansible Tower 3.5, and Windows Server 2016 and 2019. 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

Learn how to automate administration on Windows Server to enable your DevOps workflow Microsoft Windows Automation with Red Hat Ansible (DO417) is designed for Windows Server professionals without previous Ansible® experience. You will use Ansible to write automation playbooks for Microsoft Windows systems to perform common system administration tasks reproducibly at scale. You will also learn to use Red Hat® Ansible Tower to securely manage and run your Ansible playbooks from a central web-based user interface. This course is based on Red Hat Ansible Engine 2.8, Red Hat Ansible Tower 3.5, and Windows Server 2016 and 2019. 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

Windows Server administrators interested in automating management tasks and in using automation tools to implement their DevOps workflow.

Prerequisites & Entry Requirements

General Prerequisites:

You are expected to have experience as Windows Server administrators, but no previous experience with Red Hat Ansible Automation or Linux® is required.

Learning Outcomes

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

Configure Microsoft Windows systems to be managed with Ansible. Create and manage inventories of managed hosts and provide credentials to manage them to Red Hat Ansible Tower. Write Ansible playbooks to consistently automate multiple tasks and apply them to managed hosts. Run individual ad hoc automation tasks and complex playbooks from Red Hat Ansible Tower. Create survey forms in Red Hat Ansible Tower to simplify playbook operation. Parameterize playbooks using variables and facts. Write and reuse existing Ansible roles to simplify playbook creation and reuse code. Leverage existing PowerShell DSC code to extend the power of Ansible automation. Automate common Windows Server system administration tasks using Ansible.

Detailed Course Outline

1 - Introduction to Red Hat Ansible Automation

2 - Run simple automation commands

3 - Implement Ansible playbooks

4 - Manage variables and facts

5 - Install and update software

6 - Implement task control

7 - Deploy files to managed hosts

8 - Interact with users and domains

9 - Automate Windows automation tasks

10 - Manage large projects

11 - Construct Ansible Tower workflows

Frequently Asked Questions

Q: What delivery options are available for Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS)?

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 Microsoft Windows Automation with Red Hat Ansible Automation Platform; Application Services; DO417 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 Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS) 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 Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS) 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 Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS). 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 Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS)?

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 Microsoft Windows Automation with Red Hat Ansible Automation Platform - Red Hat Learning Subscription Course (DO417LS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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