

# Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform exam (EX374)

**ID EX374** **Price** 530.— €excl. tax **Duration** 3 hours

## Course Overview

The Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform exam tests your ability to create Ansible playbooks to perform common system administration tasks.

By passing this exam, you become a Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform that also counts towards earning a Red Hat Certified Architect (RHCA®).

Objectives listed for this exam are based on the most recent Red Hat product version available.

## Note on the exam:

**Cancelations of the purchase:** The subscription duration of 365 days starts upon order submission. Cancelation of individual exam sessions is not allowed. Exam session fees are nonrefundable.  
**Non-Cancelable components:** No part of any Bundles that includes both non-cancelable and cancelable components may be canceled.

## Who should attend

The Red Hat Certified Specialist in Developing Automation with Ansible Automation Platform exam will be of interest to anyone seeking to demonstrate a broader knowledge and understanding of Ansible best practices, applying Ansible in larger and more complex projects, and using Ansible automation controller and Ansible automation hub including:

- Experienced Linux system administrators
- DevOps engineers
- Cloud administrators
- Other IT professionals

## Prerequisites

- Take Developing Advanced Automation with Red Hat Ansible Automation Platform (DO374), or possess comparable work experience with Red Hat Enterprise Linux®, Ansible, Ansible automation controller, and Ansible automation hub
- Take [Red Hat Enterprise Linux Automation with Ansible \(AU294\)](#), or possess comparable work experience with Red Hat Enterprise Linux and Ansible Automation Platform
- Review the exam objectives
- Take our free assessment to find the course that best supports your preparation for this exam.

## Preparation

Red Hat encourages you to consider taking Developing Advanced Automation with Red Hat Ansible Automation Platform (DO374) to help prepare for the exam.

## Course Content

### Study points for the exam

You should be able to accomplish the following grouped tasks without assistance:

### Understand and use Git

- Clone a Git repository
- Create, modify and push files in a Git repository

### Manage inventory variables

- Structure host and group variables using multiple files per host or group
- Use special variables to override the host, port, or remote user for a specific host
- Set up directories containing multiple host variable files for managed hosts
- Override names used in inventory files with a different name or IP address

## Manage task execution

- Control privilege execution
- Run selected tasks from a playbook

## Transform data with filters and plugins

- Populate variables with data from external sources using lookup plugins
- Use lookup and query functions to incorporate data from external sources into playbooks and deployed template files
- Implement loops using structures other than simple lists using lookup plugins and filters
- Inspect, validate, and manipulate variables containing networking information with filters

## Delegate tasks

- Run a task for a managed host on a different host
- Control whether facts gathered by a task are delegated to the managed host or the controlling host

## Manage content collections

- Create a content collection
- Install a content collection
- Publish a content collection

## Manage execution environments

- Build an execution environment
- Run playbooks in a execution environment
- Upload execution environments into automation hub
- Using execution environments in automation controller

## Manage inventories and credentials

- Manage advanced inventories
- Create a dynamic inventory from an identity management server or a database server
- Create machine credentials to access inventory hosts
- Create a source control credential

## Manage automation controller

- Run playbooks in automation controller
- Pull content into automation controller from either Git or automation hub
- Pull an execution environment from automation hub and run a playbook in it

As with all Red Hat performance-based exams, configurations

must persist after reboot without intervention.

## Exam format

This hands-on, practical exam requires you to undertake real-world tasks. You will be provided with one or more virtual systems and required to perform tasks similar to those you would perform on the job. Internet access is not provided during the exam, and you are not permitted to bring any hard copy or electronic documentation into the exam. This prohibition includes notes, books, or any other materials. For most exams, the documentation that ships with the product is available during the exam.

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.



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