Red Hat Certified Specialist in Microsoft Windows Automation with Ansible Exam

Course code: EX417

The Red Hat Certified Specialist in Microsoft Windows Automation with Ansible Exam is a performance-based test used to assess the skills and knowledge to manage systems running Microsoft Windows® using Red Hat® Ansible®.By passing this exam you become a Red Hat Certified Specialist in Microsoft Windows Automation with Ansible and can apply your credential toward earning a certification as a Red Hat Certified Architect (RHCA®).This exam is based on Red Hat Ansible Automation Platform 2.4.

Who is the course for

System administrators and infrastructure engineers who want to demonstrate skill in using Ansible automation to configure and manage systems in a heterogeneous environment running Red Hat Enterprise Linux and Microsoft Windows®.

What we teach you

As part of this exam, you should be able to perform these tasks:

Configure Microsoft VSCode to work with Git and Ansible Automation Platform

- Build inventories
- Configure Microsoft Windows systems for management via Ansible Automation Platform
- Configure Ansible Automation Platform to manage Microsoft Windows system
- Create machine and source credentials
- Write and run playbooks using Visual Studio Code
- Work with Git and perform basic Git operations through VSCode

Manage inventories and credentials

- Create host groups
- Assign systems to host groups
- Configure inventory variables
- Create and configure machine credentials to access hosts
- Create and configure source control credentials

Manage task execution with Automation controller

- Write and run playbooks
- Create projects
- Create job templates
- Launch jobs

Manage variables and facts

- Create flexible playbooks using variables
- Gather facts from Windows hosts

Implement task control

- Write loops and conditional tasks
- Handle task failures

Utilize roles and Ansible Content Collections

- Include and import files
- Create Ansible automation roles
- Get roles and modules from Ansible Content Collections

Automate tasks for Microsoft Windows

- Manage local users
- Automate Software Installation on Windows
- Create/Edit files on Windows
- Automate Services Control on Windows

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- Manage Active Directory Domains
- Manage and configure storage
- Schedule tasks

Required skills

- Experience with Windows® system administration
- Experience working in a Linux command line environment. Red Hat Certified System Administrator (RHCSA) or equivalent knowledge is recommended but not a requirement
- Experience using editors like Microsoft Visual Studio or Vim recommended, as well as experience utilizing source control tools such as Git
- Understanding of Ansible Core and Ansible Automation Platform
- Take our free assessment
- to find the course that best supports your preparation for this exam

Teaching methods

Red Hat offers a method of training that is convenient for you—classroom, online, or at your site.

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