Microsoft Windows Automation with Red Hat Ansible Automation Platform (DO417)

ID DO417 **Price** CHF 3,740.—(excl. VAT) **Duration** 4 days

Who should attend

System administrators, DevOps engineers, and developers who are responsible for automating the deployment and management of Microsoft Windows servers and applications hosted on them using Red Hat Ansible Automation Platform.

Prerequisites

- A basic understanding of Windows Server administration is expected
- Students do not need any previous experience with Ansible or Linux
- There are no prerequisites for this course

Course Objectives

Impact on the Organization

- Automation of Microsoft Windows systems with Red Hat Ansible Automation Platform can reduce the time needed for maintenance windows, ensure consistency in configuration and deployment of servers and applications, and reduce cost incurred due to human error. It also provides a single automation solution that can be extended to management of network administration and Linux systems in the datacenter Impact on the Individual Impact to the student Students learn how to create and run automation for Windows Server using Red Hat Ansible Automation Platform, in order to perform core system administration tasks Students can use automation to perform their tasks consistently, repeatably, and automatically, saving time and avoiding errors that might be caused by performing these tasks manually.

Impact on the Individual

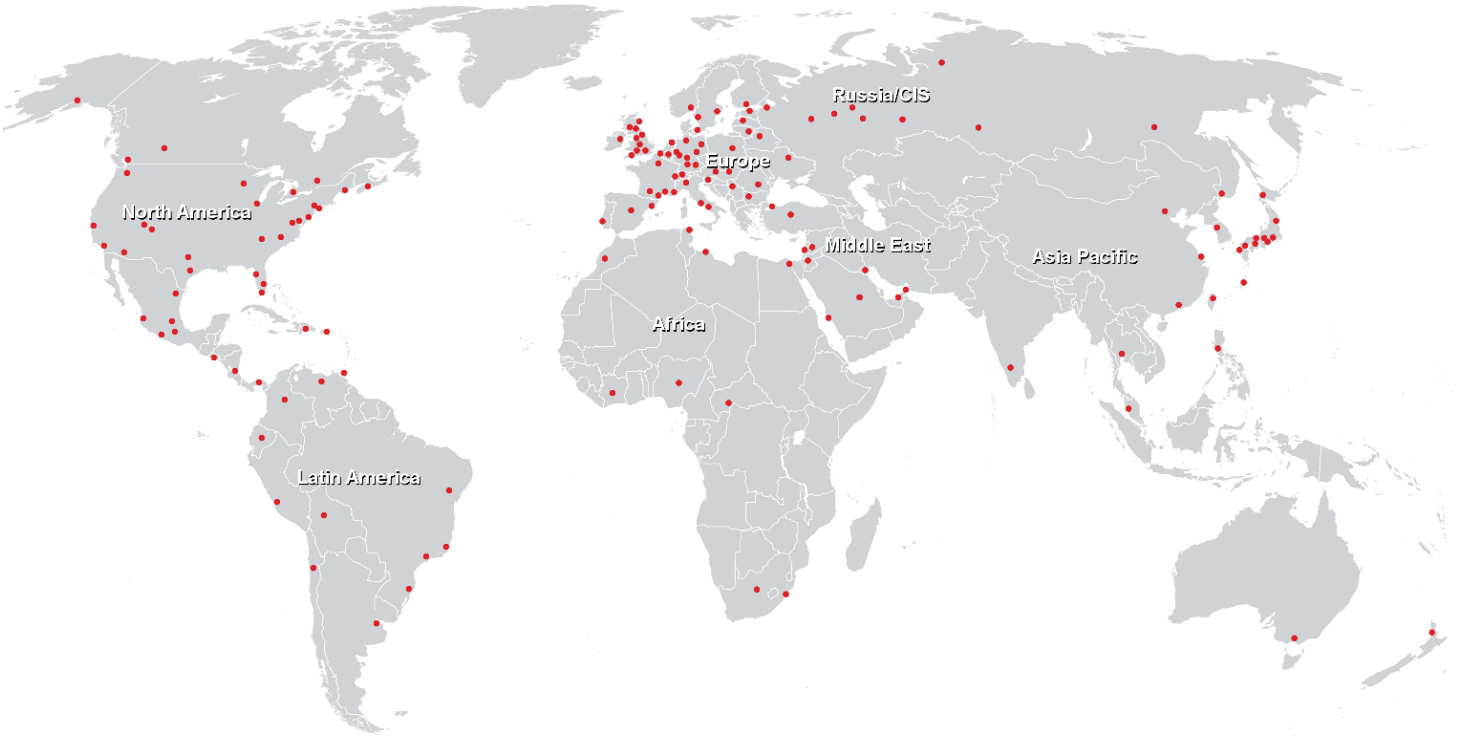
- Students learn how to create and run automation for Windows Server using Red Hat Ansible Automation Platform, in order to perform core system administration tasks.
- Students can use automation to perform their tasks consistently, repeatably, and automatically, saving time and avoiding errors that might be caused by performing these tasks manually.

Course Content

- Writing Ansible Playbooks that automate tasks on Microsoft Windows servers
- Managing Ansible Playbooks stored in a Git-based version control system
- Running Ansible Playbooks by using the automation controller web-based UI
- Managing and ensuring software and Windows features are installed and up-to-date using Ansible automation
- Writing efficient tasks in Ansible Playbooks by using loops, conditional tests, and handlers
- Writing Ansible Playbooks that ensure plays can recover when tasks fail
- Deploying, modifying, and managing files with Ansible on your Windows servers, using completed files and Jinja2 templates
- Managing local and domain users, managing Active Directory domains, and generating dynamic inventory of managed hosts in automation controller based on domain membership
- Automating specific, common Windows Server administration tasks
- Reusing existing automation code by using Ansible Content Collections, Ansible Roles, and Ansible integration with PowerShell Desired State Configuration (DSC) resources

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Training Centres worldwide





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