

Microsoft Windows Automation with Red Hat Ansible

Varighed: 4 Days Kursus Kode: DO417

Beskrivelse:

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.

Målgruppe:

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

Agenda:

- 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.

Forudsætninger:

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

Yderligere Kurser:

- RH294 - Red Hat Enterprise Linux Automation with Ansible
- DO457 - Network Automation with Red Hat Ansible Automation Platform

Indhold:

- Introduction to Red Hat Ansible Automation
- Run simple automation commands
- Implement Ansible playbooks
- Manage variables and facts
- Install and update software
- Implement task control
- Deploy files to managed hosts
- Interact with users and domains
- Automate Windows automation tasks
- Manage large projects
- Construct Ansible Tower workflows

Additional Information:

Technical considerations This class will require internet access. You will be expected to "bring your own device" (BYOD). Your device must be installed with a Remote Desktop Protocol (RDP). If you are running Microsoft Windows, you should have **Microsoft Remote Desktop** installed. If you are running macOS, you will need to install **Microsoft Remote Desktop for Mac** (by Microsoft) from the App Store. If you are running Linux, you may install **Remmina** from their distribution (if available) or following instructions at <https://remmina.org> (if not). If they prefer, they may instead install the FreeRDP clients from their Linux distribution (in the freerdp package in Red Hat Enterprise Linux).

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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