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## Microsoft Windows Automation with Red Hat Ansible

Varighed: 4 Days    Kursus Kode: DO417    Leveringsmetode: Virtuel deltagelse

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### 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.

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### Målgruppe:

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

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### 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.
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### Forudsætninger:

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

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### Yderligere Kurser:

- RH294 - Red Hat Enterprise Linux Automation with Ansible
  - DO457 - Ansible for Network Automation
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### 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
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## 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).

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## Flere Informationer:

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

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