

## Developing Advanced Automation with Red Hat Ansible Automation Platform

**Varighed: 4 Days    Kursus Kode: AU374    Leveringsmetode: Virtuel deltagelse**

### Beskrivelse:

**Advance your Ansible skills and develop automation that scales by applying recommended practices with the new, container-focused tools from Red Hat Ansible Automation Platform.**

*Developing Advanced Automation with Red Hat Ansible Automation Platform (AU374)* is designed for automation content developers to use the container-focused tools from Red Hat® Ansible Automation Platform to efficiently develop automation that can be managed through the Ansible Automation Platform unified UI. Learn recommended practices for automation development using reusable code, advanced playbook techniques, shared automation execution environments, and preparing for scalable automation with automation content navigator. This course is based on Red Hat Ansible Automation Platform 2.5.

### Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids- og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

### Målgruppe:

This course is designed for users who create automation content, including these roles:

- Developers
- DevOps engineers
- Linux system administrators
- Other IT professionals with some experience using Red Hat Ansible Automation Platform to automate, provision, configure, and deploy applications and services in a Linux environment

### Agenda:

- Use the capabilities of automation content navigator to develop Ansible Playbooks.
- Perform automation operations as rolling updates.
- Apply recommended practices for effective and efficient automation with Ansible.
- Create automation execution environments to bundle and distribute the dependencies needed to run automation code.
- Use advanced features of Red Hat Ansible Automation Platform to work with data, including filters and plug-ins.

### Forudsætninger:

- Red Hat Enterprise Linux Automation with Ansible (RH294)
- Be a Red Hat Certified Engineer (RHCE) on Red Hat Enterprise Linux 9 or later, or demonstrate equivalent Ansible experience

### Test og certificering

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

### Yderligere Kurser:

Continue building automation skills with:

- Red Hat Services Management and Automation (RH358)
- Managing Enterprise Automation with Red Hat Ansible Automation Platform (DO467)
- Microsoft Windows Automation with Red Hat Ansible (DO417)
- Ansible for Network Automation (DO457)

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## Indhold:

Develop Playbooks with Ansible Automation Platform 2	Work with Ansible Configuration Settings	Transform Data with Filters and Plug-ins
Develop Ansible Playbooks with Red Hat Ansible Automation Platform 2 by following recommended practices.	Examine and adjust the configuration of Ansible and automation content navigator to simplify development and to troubleshoot issues.	Populate, manipulate, and manage data in variables using filters and plug-ins.
Manage Ansible Content Collections and Automation Execution Environments	Manage Inventories	Coordinate Rolling Updates
Run playbooks that use content collections not included in ansible-core, either from an existing execution environment or by downloading them from the automation hub.	Manage inventories by using advanced features of Ansible.	Use advanced features of Ansible to manage rolling updates in order to minimize downtime and to ensure maintainability and simplicity of Ansible Playbooks.
Run Playbooks with Automation Controller	Manage Task Execution	Create Ansible Content Collections and Automation Execution Environments
Explain what automation controller is and demonstrate how to use it to run playbooks that you developed with automation content navigator.	Control and optimize the execution of tasks by Ansible Playbooks.	Write your own Ansible Content Collections, publish them, embed them in a custom automation execution environment, and run them in playbooks by using automation controller.

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## Additional Information:

### Impact on the organization

This course is intended to develop skills to: Distribute automation throughout your organization with the use of reusable code. Create easily scalable automation for larger enterprise environments with the new, containerized architecture.

**Impact on the individual** Use Red Hat Ansible Automation Platform to develop automation in a way that scales to large teams and complex enterprises. In this course you will gain the skills to effectively manage and optimize playbooks, create and share automation execution environments and collections, and learn how to use automation content navigator for managing the automation lifecycle.

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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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