# DevOps with Private Cloud on IBM Power Systems: Learn Ansible, Chef, and Puppet

Kód kurzu: QZC50G

DevOps is an IT trend that rose out of the benefits of integrating development and operations. The main characteristic of DevOps is to use automation and monitoring at several stages of the IT delivery lifecycle. DevOps aims to reduce administrator workload and scale IT resources efficiently to attain business objectives.

| Pobočka | Dnů | Cena kurzu | ITB |
|---|---|---|---|
| Praha | 3 | 52 000 Kč | 0 |
| Brno | 3 | 52 000 Kč | 0 |
| Bratislava | 3 | 1 458 € | 0 |

Uvedené ceny jsou bez DPH.

## Termíny kurzu

| Datum | Dnů | Cena kurzu | Typ výuky | Jazyk výuky | Lokalita |
|---|---|---|---|---|---|

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## Pro koho je kurz určen

Enrollment in this course is not restricted. Typical students may include:

- Customers
- Technical IBM personnel
- Business Partner technical personnel
- IT consultants and architects

## Co Vás naučíme

- Summarize the key principles of DevOps in IT
- Recognize the requirements and procedure to setup Ansible
- Summarize the architecture of Ansible
- Demonstrate an understanding of automation with Ansible Playbooks
- Recognize the requirements and procedure to setup Chef
- Summarize the key components of automating your cloud environment with Chef
- Demonstrate an ability to access and interact with Chef
- Summarize the various Chef related administrative tasks you can perform with Chef
- Summarize the procedure to setup Puppet and its prerequisites
- Summarize the architecture of Puppet
- Recognize the various tasks which can be performed when Puppet is integrated with IBM PowerVC to manage AIX and Linux clients

## Požadované vstupní znalosti

Move to Cloud with IBM Cloud PowerVC Manager - (QZC30G)
The following courses may be helpful to study prior to this course:
QZC30G: Move to Private Cloud with IBM Cloud PowerVC Manager: Advanced Virtualization for IBM PowerVM

Administrators

## Osnova kurzu

The course addresses the concepts involved in planning, deploying and implementing Ansible, Chef and Puppet, and shows how to integrate these tools with IBM Cloud PowerVC Manager. You perform basic installation to advanced administrative tasks with these DevOps tools. In addition, the product architectures of these tools, and their benefits are covered while showing how to implement these tools to fit your needs

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