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

Course code: 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.

Affiliate	Duration	Course price	ITB
Praha	3	52 000 Kč	0
Brno	3	52 000 Kč	0
Bratislava	3	1 458 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location

The prices are without VAT.

Who is the course for

Enrollment in this course is not restricted. Typical students may include:
- Customers
- Technical IBM personnel
- Business Partner technical personnel
- IT consultants and architects

What we teach you

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

Required skills

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

Course outline

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

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.