Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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

CODE:	LENGTH:	PRICE:
QZC50G	24 Hours (3 days)	€2,340.00

Description

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.
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.

Objectives

- 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

Audience

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

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

Prerequisites

Programme

Summarize the key principles of DevOps in ITRecognize the requirements and procedure to setup AnsibleSummarize the architecture of AnsibleDemonstrate an understanding of automation with Ansible PlaybooksRecognize the requirements and procedure to setup ChefSummarize the key components of automating your cloud environment with ChefDemonstrate an ability to access and interact with ChefSummarize the various Chef related administrative tasks you can perform with ChefSummarize the procedure to setup Puppet and its prerequisitesSummarize the architecture of PuppetRecognize the various tasks which can be performed when Puppet is integrated with IBM PowerVC to manage AIX and Linux clients

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.