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IBM
Business
Partner
Global Training Provider

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

Duration: 3 Days   Course Code: QZC50G   Delivery Method: Virtual Learning

Overview:

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.

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor)of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Target Audience:

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

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

Prerequisites:

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

Further Information:

For More information, or to book your course, please call us on 030 - 60 89 444

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