OFERTA FORMATIVA

Detalles de contacto

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Implementing Cloud with PowerVC on IBM Power Systems

CÓDIGO:	**DURACIÓN:**	**Precio:**
QZ005G	32 Hours (4 días)	€2,100.00

Description

This class combines the contents of both QZ001 and QZ002 into one five day learning experience, with Implementing Power Cloud Infrastructure with PowerVC and Implementing Cloud Manager with Openstack on Power Systems. You will start with the concepts and implementation details to install, configure, and implement the IBM Power Virtualization Center (PowerVC) Standard managing PowerVM to manage a virtualized Power Systems-based environment with AIX and Linux virtual machines. PowerVC is the new advanced virtualization management offering that is built on OpenStack. The course topics cover planning for the PowerVC installation, customizing the environment, configuring storage, and includes capturing and deploying virtual machines. Hands-on exercises reinforce the lecture and give the students the experience of installing and configuring IBM PowerVC. Students use PowerVC to capture and deploy virtual machine images.

Next you will learn the concepts and implementation details to install, configure, and implement the IBM Cloud Manager with OpenStack as a cloud management solution managing a private cloud based on IBM PowerVC. The virtualized Power Systems-based environment consists of Linux on Power virtual machines. The section of the course covers planning for the Cloud Manager with OpenStack installation, customizing the environment, management, and using the self-service portal to capture and deploy virtual machine images. Hands-on exercises reinforce the lecture and give the students the experience of installing and configuring IBM Cloud Manager with OpenStack on a Power Systems-based environment.

Objetivos

- Describe the PowerVC virtualization management functions
- Describe the hardware and software requirements for installing PowerVC
- Describe the OpenStack components on which PowerVC is based
- Install and configure PowerVC
- Manage the PowerVC software environment
- Describe security functions for managing PowerVC users and firewall ports
- Use PowerVC to manage virtual machines and their resources
- Use PowerVC to capture and deploy virtual machine images
- Recall the role of OpenStack within a cloud implementation
- Recall the role of Chef within a cloud implementation
- Describe the major functions of the IBM Cloud Manager with the OpenStack product
- Recall the planning steps to implement IBM Cloud Manager with OpenStack managing a PowerVC virtualized environment
- Execute select administration tasks on IBM Cloud Manager with OpenStack using the dashboard
- Recall and execute tasks with images and instances

Público

Enrollment in this course is not restricted. Typical students may include personnel involved with implementing, configuring and managing a cloud infrastructure using IBM Cloud Manager with OpenStack on Power Systems.

- Customers
- Technical IBM personnel
- Business Partner technical personnel
- IT consultants and architects
- Anyone with interest in understanding OpenStack

Requisitos Previos

The following course is recommended prior to this course:

- *IBM Power Cloud Training Essentials - WBT - (QZ000WG)*
- *Power Systems for AIX - Virtualization I: Implementing Virtualization - (AN30)*

More information on courses is at www.ibm.com/training

Programa

Please reference QZ001 and QZ002 for further details on lecture and lab exercises. www.ibm.com/training

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.