IBM PowerVC 2.0 Workshop

Course code: QZC30G

IBM PowerVC for Private Cloud, an infrastructure-as-a-service (IaaS) offering, provides a self-service cloud portal for IBM Power Systems and is built on OpenStack. OpenStack is a collection of open source software projects that enterprises or service providers can use to setup and run their cloud compute and storage infrastructure. IBM PowerVC for Private Cloud provides an easy way to provision and manage virtual machines on IBM PowerVM based systems in a private or hybrid cloud setting. It comes in two versions, a standard edition and a cloud edition.

Affiliate	Duration	Course price	ITB
Praha	4	59 800 Kč	0
Brno	4	59 800 Kč	0
Bratislava	4	2 200 €	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

This training is for technical support individuals, system administrators, system architects, engineers, and pre-sales technical support staff who implements PowerVC as a virtualization manager.

What we teach you

After completing this course, you should be able to:

- Summarize the key functions and benefits of IBM PowerVC.
- Perform installation and configuration of IBM PowerVC, including upgrading to newer versions.
- Recognize the hardware and software requirements of IBM PowerVC.
- Demonstrate an understanding of cloud computing from a technology standpoint.
- Summarize the architecture of IBM PowerVC for Private Cloud.
- Summarize the key components of OpenStack and their functions.
- Demonstrate an ability to access and interact with the graphical and command line interfaces of IBM PowerVC for Private Cloud.
- Summarize the concepts of creating new projects, users, networking configuration and other cloud related properties.
- Summarize the key administrative tasks that need to be performed after the installation of IBM PowerVC for Private Cloud.
- Summarize the architecture of IBM PowerVM IBM PowerVM NovaLink.
- Integrate IBM PowerVC for Private Cloud with IBM PowerVM IBM PowerVM NovaLink and the existing virtualization environment.

Required skills

Power Systems for AIX - PowerVM I Implementing Virtualization - (AN30G)

Students must already know the basics of configuring and managing a virtual I/O server and virtual devices as well as know how to use the HMC to manage partitions. This prerequisite can be met by attending the following course:

AN30G Power Systems for AIX - PowerVM I: Implementing Virtualization

Course outline

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