

# IBM PowerVC 2.0 Workshop

Kód kurzu: QZC30G

Pro koho je kurz určen 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.

Co Vás naučíme 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. Požadované vstupní znalosti 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

Metody výuky Professional explanation with practical samples and examples.

Studijní materiály Studijní materiál IBM.

Osnova kurzu This course aims to provide an overall understanding of how to install and configure IBM PowerVC Standard Edition and IBM PowerVC for Private Cloud, in an environment with HMC and IBM PowerVM NovaLink. The hands-on lab covers exercises from the basics of installing IBM PowerVC to performing advanced administrative tasks. The course also clarifies concepts in planning, deploying, and implementing IBM PowerVC for Private Cloud and IBM PowerVM NovaLink based on technology standpoints, product architectures, and their benefits.

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## Co Vás naučíme

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.

## Požadované vstupní znalosti

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

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## Osnova kurzu

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