



## AN30G: Power Systems for AIX - PowerVM I Implementing Virtualization

This course provides an overview of the PowerVM edition's features on POWER processor-based systems. It explains the new features and benefits of virtualization including processor virtualization, Virtual I/O Server, and virtual devices, such as virtual Ethernet, virtual SCSI, and virtual Fibre Channel adapters. Basic and advanced configurations of the Virtual I/O Server and its clients are discussed including various availability options.

### Listenpreis

4.000,00 € exkl. MwSt

4.760,00 € inkl. MwSt

### Dauer

5 Tage

### Leistungen Präsenz

- Schulung im Trainingscenter
- Verpflegung
- Teilnahmebestätigung / Zertifikat

### Leistungen bei VCL Training

- Technischer Support
- Online Zugang
- Teilnahmebestätigung / Zertifikat

### Ihre Ansprechpartnerin



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## Inhalte

- **Unit 1: Introduction to partitioning**
  - Exercise 1: Power Systems documentation overview
- **Unit 2: HMC V8 enhancements**
  - Exercise 2: HMC enhanced interface
- **Unit 3: Processor virtualization**
  - Exercise 3: Processor virtualization configuration
- **Unit 4: Virtual Ethernet**
  - Exercise 4: Virtual Ethernet adapter configuration
- **Unit 5: Virtual I/O Server and Shared Ethernet Adapter**
  - Exercise 5: Virtual I/O Server configuration
- **Unit 6: Virtual SCSI devices**
  - Exercise 6: Client partition configuration
- **Unit 7: Virtual network configuration with dual VIOS**
  - Exercise 7: SEA failover setup
- **Unit 8: Virtual SCSI configurations with dual VIOS**
  - Exercise 8: Dual VIO server configuration with MPIO in the client partition
- **Unit 9: Virtual Fibre Channel devices**
  - Exercise 9: Virtual Fibre Channel adapter configuration
- **Unit 10: HMC Service Management**
  - Exercise 10: Manage service events
- **Unit 11: PowerVM advanced systems maintenance**
  - Exercise 11: PowerVM system maintenance
  - Exercise 12: (Optional) File-backed virtual SCSI devices



### Ziele

This course provides an overview of the PowerVM edition's features on POWER6 processor-based systems. It explains the new features and benefits of virtualization including the processor virtualization, the Integrated Virtual Ethernet, the virtual I/O server, and the virtual devices such as the virtual Ethernet and virtual SCSI adapters.

Basic and advanced configurations of the virtual I/O server and its clients are discussed including various availability options.

Expand your knowledge about PowerVM features that were introduced in course Power Systems for AIX 1: LPAR Configuration and Planning (AN11G).

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### Zielgruppe

This advanced course is appropriate for System Administrators, Technical Support Personnel, and Business Partners responsible for implementing LPARs on IBM Power Systems with AIX servers.

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### Voraussetzungen

Students must have advanced system administration experience with AIX 6 or AIX 7.

This prerequisite can be met by attending one of the following courses:

- Power Systems for AIX II: Implementation and Administration (AN12G)
- Power Systems for AIX III: Advanced Administration and Problem Determination (AN15G)
- AIX Jumpstart for UNIX Professionals (AN14G)
- Alternatively, you must have equivalent AIX and LPAR skills.
- General TCP/IP knowledge is strongly recommended.
- You are also expected to have logical partition administration skills on Power Systems servers, which can be obtained by attending Power Systems for AIX I: LPAR Configuration and Planning (AN11G).