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

ID AN30G **Price** CHF 3,620.—(excl. VAT) **Duration** 5 days

Who should attend

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.

Prerequisites

You 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)*.

Course Objectives

- Configure virtual SCSI devices that are backed by physical volumes, logical volumes, and optical media devices
- Configure the Optical Media Repository, load a CD image, and use it to install a new AIX partition
- Configure virtual Fibre channel devices using NPIV technology
- Configure Ethernet link aggregation for load balancing and backup channel in the VIOS
- Configure Shared Ethernet adapter failover and load sharing
- Configure vNIC failover
- Perform Virtual I/O Server maintenance operations

Course Content

This course provides an overview of the PowerVM editions 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.

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

This course provides lectures and hands on labs in an instructor lead course environment, either in a face-to-face classroom or in a live virtual classroom environment (ILO - Instructor Led Online).

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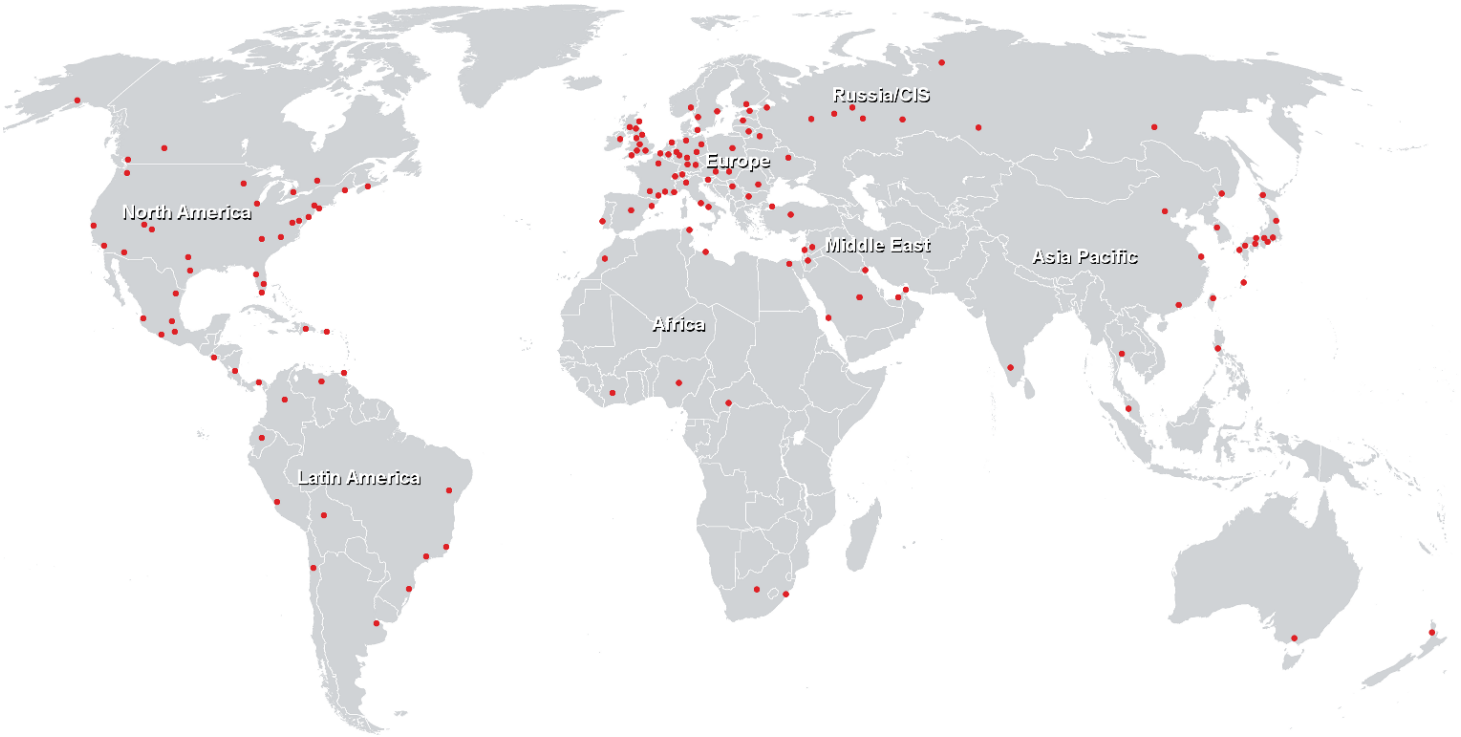
Training Centres worldwide



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