

Power Systems for AIX I: LPAR Configuration and Planning

Duration: 3 Days **Course Code: AN11G**

Overview:

Learn how to perform system administration in a Power Systems environment. Learn about the features of PowerVM Editions and how to configure and manage LPARs running AIX V7.1 using the Hardware Management Console (HMC).

Target Audience:

This course is appropriate for system administrators, technical support individuals, and IBM business partners who implement LPARs on IBM Power Systems.

Objectives:

- After completing this course, you should be able to:
- Describe important concepts associated with managing POWER7 processor-based systems, such as logical partitioning, dynamic partitioning, virtual devices, virtual processors, virtual consoles, virtual local area network (VLAN), and shared processors
- Describe the features of the PowerVM editions
- Use the System Planning Tool to plan an LPAR configuration
- Describe the functions provided by the HMC
- Configure and manage the HMC, including users and permissions, software, startup and shutdown, remote access features, network configuration, security features, HMC backup and restore options, and the HMC reload procedure
- Describe the rules associated with allocating resources, including dedicated processors, processing units for micro-partitions, memory, logical host Ethernet adapter, and physical I/O for AIX and Linux partitions
- Configure and manage LPARs using the HMC graphical user interface (GUI) and HMC commands
- Interpret physical and AIX location codes and relate to the key hardware components
- Power on and power off the POWER7-based system
- Use the HMC to back up and restore partition data
- Perform dynamic LPAR operations (DLPAR)

Prerequisites:

General TCP/IP knowledge is strongly recommended. This prerequisite can be met by attending TCP/IP for AIX System Administrators (AN21G). This introductory course does not require any logical partitioning experience.

Content:

Introduction to partitioning	Hardware Management Console maintenance	Partition operations
Hardware system overview	System power management	Dynamic LPAR infrastructure
Hardware Management Console	Planning and configuring logical partitions	

Additional Information:

This is an Instructor-Led Virtual Class.

- *** The 3 course days are spread over 5 afternoon sessions
 - *** Session runs from 1:30pm to 5:30pm UK Time – for 5 days
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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.co.uk

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK