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Power Systems for AIX I: LPAR Configuration and Planning

Duration: 3 Days   Course Code: AN11G   Delivery Method: Virtual Learning

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).

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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

Further Information:

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

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