



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# Power Systems for AIX I: LPAR Configuration and Planning

CODE:	LENGTH:	PRICE:
AN11G	24 Hours (3 days)	\$2,400.00

## Description

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 or Linux using the Hardware Management Console (HMC).

## Objectives

- Describe important concepts that are associated with managing POWER 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
- Describe the functions provided by the HMC
- Configure and manage the HMC, including users and permissions, software, start and shutdown, remote access features, network configuration, security features, HMC backup and restore options, and the HMC reload procedure
- Describe the rules that are associated with allocating resources, including dedicated processors, processing units for Micro-Partitioning, memory, physical and virtual I/O for AIX and Linux partitions
- Configure and manage LPARs by using the HMC graphical user interface (GUI) and HMC commands
- Power on and power off the Power Systems server
- Use the HMC to back up and restore partition data
- Perform dynamic LPAR operations (DLPAR)

## Audience

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

## Prerequisites

This introductory course does not require any logical partitioning experience. General TCP/IP knowledge is strongly recommended.

## Programme

### Day 1

- Welcome
- Unit 1: Introduction to partitioning
- Exercise 1: Introduction to partitioning
- Unit 2: Hardware system overview
- Exercise 2: System hardware components
- Unit 3: Hardware Management Console

### Day 2

- Unit 3: Hardware Management Console (continued)
- Exercise 3: Exploring the HMC V8 interface
- Unit 4: Hardware Management Console maintenance
- Exercise 4: HMC and managed system maintenance

- Unit 5: System power management
- Exercise 5: System power management
- Unit 6: Planning and configuring logical partitions

### **Day 3**

- Unit 6: Planning and configuring logical partitions (continued)
- Exercise 6: Configuring logical partitions
- Unit 7: Partition operations
- Exercise 7: Partition operations
- Unit 8: Dynamic LPAR operations
- Exercise 8: Dynamic LPAR operations

### **Session Dates**

On request. Please [Contact Us](#)

### **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)