PowerVM on IBM i - I: Implementing Virtualization and LPAR

Information

Length:	24.0 Hours
__Ref:	AS5EG
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

Learn the concepts of Logical Partitioning (LPAR) for Power Systems with IBM i. In this course you begin with an overview of LPAR on Power Systems, followed with more detailed information on configuration planning and implementation using hands-on exercises to create and implement logical partitions.

Also, learn about partial processors, dynamic allocation and reallocation of memory, processors, interactive Commercial Processing Workloads (CPW), buses, Graphical User Interface (GUI), Virtual Local Area Network (VLAN), Host Ethernet Adapters (HEA) and System Planning Tool (SPT). In this course you will use IBM Power Systems including the Hardware Management Console (HMC).

Public

This intermediate course is for technical specialists, support/services individuals, individuals implementing LPARs for Power Systems with IBM i. This course is also appropriate for IBM Business Partners who sell and plan for consolidated systems.

Prerequisits

You should have:

- some knowledge of Power Systems architectural concepts
- some experience with Power Systems
- attended *Hardware Management Console (HMC) for Power Systems with IBM i (OL52G)***or** have the equivalent knowledge

Entry level knowledge of LPAR on current systems is helpful, but not required.

Topics

- PowerVM for IBM i - Overview
- Power Systems for IBM i
    - Exercise - Lab introduction

- Introduction to System Planning Tool
  - Exercise - SPT introduction
- Virtualization of IBM i - Processor, Memory, Processor Pools
- Virtualization of IBM i - Virtual I/O
  - Exercise - Ethernet connection virtualization
- Virtualization of IBM i - Installation from NFS or VIOS repository
  - Exercise - Installation from NFS or VIOS repository
- Implementation of IBM i on Power Blades
- PowerVM for IBM i - NPIV
  - Exercise: IBM i client partition with NPIV connected disks