Course Code: AN33G

Course Title: Implementing PowerVM Live Partition Mobility

Description:

This course describes the concepts and configuration details when implementing PowerVM Live Partition Mobility on POWER6 and POWER7 processor-based servers. Students will learn the requirements of Live Partition Mobility and will configure HMCs, Virtual I/O Servers, and partitions in preparation for performing active and inactive migrations. Live hands-on exercises will allow students to configure a lab environment and perform Live Partition Mobility operations.

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).

Objectives:

- Describe key components of Live Partition Mobility
- Describe configuration settings necessary for the HMCs, the source and target Virtual I/O servers, and the mobile LPAR
- Perform and monitor PowerVM Live Partition Mobility operations
- Describe differences between active and inactive Live Partition Mobility configuration and operations
- Describe advanced migration configuration and tuning options when using the migrlpar command

Prerequisites:

You should:

- Have completed Power Systems for AIX - Virtualization I: Implementing Virtualization (AN30G) **or** Power Systems for AIX - Virtualization I: Implementing Virtualization - ILO (AX30) **or** have equivalent LPAR **and** Virtual I/O Server skills.
- Be proficient with HMC Version 7 or Version 8, Virtual I/O Server operations, **and** AIX LPAR system administration.

Duration:

24 Hrs

Topics:

- Live Partition Mobility (LPM) overview
- Virtual I/O Server and mobile configuration
- Partition migration operations
- Advanced LPM scenarios

Audience:

The audiences for this advanced training include AIX/Linux technical support individuals, system administrators, system architects and engineers, and anyone who needs a technical operational

understanding of PowerVM Live Partition Mobility.