

Power Systems for AIX II: AIX Implementation and Administration

AN12G



Delivery Type: Classroom

Duration: 3 days

Overview

Learn to install, customize, and administer the AIX operating system in a POWER (System p) partitioned environment. This course is based on AIX 7.1 running on a Power7 system managed by HMC version 7. This course is also appropriate for prior releases of AIX and has a high practical content.

There is also an instructor-led online version of this course: Power Systems for AIX II: AIX Implementation and Administration (ILO) (AX120GB)

Pre-Requisites

You should be able to:

- ✓ Log in to an AIX system and set a user password
- ✓ Execute basic AIX commands
- ✓ Manage files and directories
- ✓ Use the vi editor
- ✓ Use redirection, pipes, and tees
- ✓ Use the utilities find and grep
- ✓ Use the command and variable substitution
- ✓ Set and change Korn shell variables

- ✓ Write simple shell scripts
- ✓ Use a graphic Common Desktop Environment (CDE) interface

These skills can be acquired by taking AIX Basics (AU13GB) or through equivalent AIX/UNIX knowledge. In addition, it would be helpful (but not mandatory) that you be familiar with partitioning concepts and technology as taught in Power Virtualization I: LPAR Planning and Configuration (AN11GB)

Objectives

- ✓ Install the AIX operating system, filesets and RPM packages
- ✓ Perform system startup and shutdown
- ✓ Understand and use system management tools, focusing on SMIT and IBM systems director console for AIX
- ✓ Manage physical and logical devices
- ✓ Understand the logical volume manager
- ✓ Perform logical volume and file system management
- ✓ Create and manage user and group accounts
- ✓ Perform and restore system backups
- ✓ Utilize administrative subsystems, including cron to schedule system tasks, and security to implement customized access of files and directories

- ✓ Configure TCP/IP networking
- ✓ Understand and Implementation Workload Partitions

Target Audience

This intermediate course is appropriate for anyone with system administrative duties implementing and managing an AIX operating system in a multiuser POWER (System p) partitioned environment.