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Power Systems for AIX II AIX Implementation and Administration
Information

Length:	40.0 Hours
__Ref:	AN12G □
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

Learn to install, customize, and administer the AIX operating system in a multiuser Power Systems partitioned environment. The course is based on AIX 7.2 running on a Power Systems server managed by Hardware Management Console and provides practical discussions that are appropriate to earlier AIX releases.

Public

This intermediate course is intended for system administrators or anyone implementing and managing an AIX operating system in a multiuser Power Systems partitioned environment.

Prerequisites

You should already 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

These skills can be acquired by attending *AIX Basics (AN10G)* **or** through equivalent AIX **or** UNIX knowledge. Also, it would be helpful (but not mandatory) if students were familiar with partitioning concepts **and** technology taught in *Power Systems for AIX I: LPAR Configuration and Planning (AN11G)*

Topics

Day 1

- Welcome
- Unit 1: Introduction to IBM Power Systems, AIX, and system administration
- Exercise 1: Introduction to IBM Power Systems, AIX, and system administration
- Unit 2: AIX system management tools
- Exercise 2: Using system management tools in AIX
- Unit 3: System startup and shutdown
- Exercise 3: System startup and shutdown
- Unit 4: AIX installation
- Exercise 4: AIX installation

Day 2

- Unit 5: AIX software installation and maintenance
- Exercise 5: AIX software installation and maintenance
- Unit 6: System configuration and devices
- Exercise 6: System configuration and devices
- Unit 7: System storage overview
- Exercise 7: System storage overview: LVM commands
- Unit 8: Working with the Logical Volume Manager
- Exercise 8: Working with LVM

Day 3

- Unit 9: File systems administration
- Exercise 9: File system administration
- Unit 10: Paging space
- Exercise 10: Page space
- Unit 11: Backup and restore
- Exercise 11: Backup and restore

Day 4

- Unit 12: Security and user administration: Part one
- Exercise 12: Security and user administration: Part one
- Unit 13: Security and user administration: Part two
- Exercise 13: Security and user administration: Part two
- Unit 14: Scheduling and time
- Exercise 14: Scheduling
- Unit 15: TCP/IP networking

Day 5

- Unit 15: TCP/IP networking (continued)
- Exercise 15: TCP/IP networking
- Unit 16: Introduction to Workload Partitions
- Exercise 16: Workload Partitions