

POWER SYSTEMS FOR AIX II AIX IMPLEMENTATION AND ADMINISTRATION

Course Code: 9192

IBM Course Code: AN120

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.

What You'll Learn

- Install the AIX operating system, filesets, and RedHat Package Manager (RPM) packages
- Perform system startup and shutdown
- Discuss and use system management tools such as System Management Interface Tool (SMIT) and IBM systems director console for AIX
- Manage physical and logical devices
- Discuss the purpose of 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
- Define and run basic Workload Partitions (WPAR)

Who Needs to Attend

This is an intermediate course for anyone with system administrative duties implementing and managing an AIX operating system in a multiuser POWER (System p) 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
- Use a graphic Common Desktop Environment (CDE) interface

These skills can be acquired by taking UNIX / AIX Basics (AN100/AX100) or through equivalent AIX or UNIX knowledge.

In addition, it would be helpful (but not mandatory) that you are familiar with partitioning concepts and technology as taught in Power Virtualization I: LPAR Planning and Configuration (AN110) or (AX110).



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CLASSROOM LIVE

\$4,250 USD

5 Day

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VIRTUAL CLASSROOM LIVE

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Virtual Classroom Live Outline

1. Introduction to IBM POWER systems, AIX and system administration
2. AIX system management tools
3. System startup and shutdown
4. AIX installation
5. AIX software installation and maintenance
6. System configuration and devices
7. System storage overview
8. Working with the Logical Volume Manager
9. File systems administration
10. Paging space
11. Backup and restore
12. Security and user administration: Part 1
13. Security and user administration: Part 2
14. Scheduling
15. TCP/IP networking
16. Introduction to workload partitions

May 19 - 23, 2025 | 9:30 AM - 5:30 PM EST

Jun 23 - 27, 2025 | 9:30 AM - 5:30 PM EST

Jul 21 - 25, 2025 | 9:30 AM - 5:30 PM EST

Sep 8 - 12, 2025 | 9:30 AM - 5:30 PM EST

Oct 20 - 24, 2025 | 9:30 AM - 5:30 PM EST

Nov 17 - 21, 2025 | 9:30 AM - 5:30 PM EST

Dec 15 - 19, 2025 | 9:30 AM - 5:30 PM EST



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PRIVATE GROUP TRAINING

5 Day

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