

AIX JUMPSTART FOR UNIX PROFESSIONALS

Course Code: 9007

IBM Course Code: AN140

Learn to install, customize and administer the AIX operating system in a multi-user POWER (System p) partitioned environment.

The course is based on AIX 7 running on a Power system managed by Hardware Management Console Version 7 and provides practical discussions that are appropriate to earlier AIX releases.

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
- Perform and restore system backups
- Use the AIX error log as a tool in problem determination
- Configure TCP/IP networking

Who Needs to Attend

This intermediate course is appropriate for experienced UNIX system administrators who want to support AIX running on POWER processor based systems in a multi-user POWER (System p) partitioned environment.

Prerequisites

You should be able to use basic UNIX commands including:

- Execute basic AIX commands
- Manage files and directories
- Use the vi editor
- Use redirection, pipes, and tees
- Use the utilities find and grep

- Use command and variable substitution
- Set and change Korn shell variables
- Write simple shell scripts

These skills can be acquired by attending AIX 6 Basics (AN100) or through equivalent AIX/UNIX knowledge.

You should also have experience administering a UNIX operating system (such as Solaris, HP/UX, and others) including:

- User management and system security
- Storage
- Networking
- System shutdown and restart
- Backup and recovery
- System task scheduling



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CLASSROOM LIVE

\$4,750 USD

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VIRTUAL CLASSROOM LIVE

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Virtual Classroom Live Outline

1. Introduction to AIX and IBM Power systems
2. AIX system management tools
3. AIX software installation and maintenance
4. System configuration and devices
5. TCP/IP networking
6. System startup and shutdown
7. Basics of configuring logical partitions
8. AIX installation
9. Working with the Logical Volume Manager
10. File systems administration
11. The Object Data Manager
12. LVM metadata
13. Disk management procedures
14. Backup and restore
15. Error monitoring
16. System initialization - I
17. System initialization - II
18. The AIX system dump facility

19. Advanced install techniques
20. Alternate disk installation
21. Using multibos
22. Optional Appendix A: Survey of additional AIX facilities

May 12 - 16, 2025 | 9:30 AM - 5:30 PM EST

Jun 16 - 20, 2025 | 9:30 AM - 5:30 PM EST

Aug 4 - 8, 2025 | 9:30 AM - 5:30 PM EST

Sep 29 - Oct 3, 2025 | 9:30 AM - 5:30 PM EST

Nov 3 - 7, 2025 | 9:30 AM - 5:30 PM EST

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



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