

Power Systems for AIX II: AIX Implementation and Administration (AN12G)

ID AN12G Preis 3.590,- € (exkl. MwSt.) Dauer 5 Tage

Zielgruppe

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.

to implement customized access of files and directories

- Configure TCP/IP networking
- Define and run basic Workload Partitions (WPAR)

Voraussetzungen

- 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

Kursziele

- 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

Kursinhalt

Day 1

- Unit 1: Introduction to IBM POWER systems, AIX and system administration
- Exercise 1
- Unit 2: AIX system management tools
- Exercise 2
- Unit 3: System startup and shutdown
- Exercise 3
- Unit 4: AIX installation
- Exercise 4

Day 2

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

Day 3

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

Day 4

- Unit 12: Security and user administration:
Part 1
- Exercise 12
- Unit 13: Security and user administration:
Part 2
- Exercise 13 Unit 14: Scheduling
- Exercise 14 Unit 15: TCP/IP networking

Day 5

- Unit 15: TCP/IP networking (continued)
- Exercise 15
- Unit 16: Introduction to workload partitions
- Exercise 16