Power Systems for AIX II: AIX Implementation and Administration

Kód kurzu: AN12G

Learn to install, customize, and administer the AIX operating system in a multiuser POWER (System p) partitioned environment. This course is based on AIX 6.1 running on a Power6 system managed by HMC version 7. This course is also appropriate for prior releases of AIX and has a high practical content.

Pobočka	Dnů	Cena kurzu	ITB
Praha	5	85 000 Kč	0
Brno	5	85 000 Kč	0
Bratislava	5	3 270 €	0

Uvedené ceny jsou bez DPH.

Termíny kurzu

Datum	Dnů	Cena kurzu	Typ výuky	Jazyk výuky	Lokalita

Uvedené ceny jsou bez DPH.

Pro koho je kurz určen

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

Co Vás naučíme

- 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
- Implement Workload Partitions (WPAR)

Požadované vstupní znalosti

You should be familiar with:

- basic information technology (IT) concepts and the role of an operating system. This course does not require any logical partitioning experience.
- General TCP/IP knowledge is strongly recommended. This prerequisite may be met by attending:
- *AIX Basics (AU131)*
- or
- *(AT131)*

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

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- 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 (AU131)* ***or*** *(AT131)* **or** through equivalent AIX/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)*.

Studijní materiály

Studijní materiál IBM

Osnova kurzu

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
- Exercise 12
- Unit 13: Scheduling
- Exercise 13
- Unit 14: TCP/IP networking

Day 5

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- Exercise 14
- Unit 15: Introduction to workload partitions
- Exercise 15

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