PowerHA SystemMirror 7 Planning, Implementation, Customization and Basic Admin

Kód kurzu: AN61G

This course is designed to prepare students to install and configure a highly available cluster using PowerHA SystemMirror.

Pobočka	Dnů	Cena kurzu	ITB
Praha	5	85 000 Kč	0
Brno	5	85 000 Kč	0
Bratislava	5	3 400 €	0

Uvedené ceny jsou bez DPH.

Termíny kurzu

Datum	Dnů	Cena kurzu	Typ výuky	Jazyk výuky	Lokalita
15.02.2027	5	85 000 Kč	Online	EN	TD SYNNEX Czech - Online
19.04.2027	5	85 000 Kč	Online	EN	TD SYNNEX Czech - Online
15.06.2027	5	85 000 Kč	Online	EN	TD SYNNEX Czech - Online

Uvedené ceny jsou bez DPH.

Pro koho je kurz určen

The audience for this course is students who are experienced AIX system administrators with TCP/IP networking and AIX Logical Volume Manager (LVM) experience who are responsible for the planning and installation of a PowerHA SystemMirror 7.1 and later cluster on an IBM Power Systems server running AIX 5L V5.3 or later. The lab exercises are conducted on an AIX 6.1 TL6 -level system.

Co Vás naučíme

- Explain what high availability is
- Outline the capabilities of PowerHA SystemMirror
- Design and plan a highly available PowerHA cluster
- Install and configure PowerHA SystemMirror in the following modes of operation:
- Single resource group on a primary node with standby node (active/passive)
- Two resource groups in a mutual takeover configuration (active/active)
- Configure resource group startup, fallover, and fallback policies
- Perform basic system administration tasks for PowerHA
- Perform basic customization for PowerHA
- Perform basic problem determination and recovery

Požadované vstupní znalosti

Students should be AIX system administrators and have TCP/IP, LVM storage, and disk hardware implementation skills.

These skills are addressed in the following courses or can be obtained through equivalent education and experience:

- TCP/IP for AIX Administration (AN21GB)

Osnova kurzu

Day 1

- Welcome and course introduction
- Unit 1: Introduction to PowerHA SystemMirror
- Unit 2: Planning and configuring network and storage for PowerHA SystemMirror

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- Exercise 1: Lab setup, cluster planning, and exploring fallover
- Exercise 2: Preparing the AIX environment for PowerHA SystemMirror

Day 2

- Unit 3: Configuring applications for PowerHA SystemMirror
- Unit 4: Configuring a PowerHA SystemMirror cluster
- Exercise 3: Preparing an application for integration with SystemMirror
- Exercise 4: Initial cluster configuration

Day 3

- Unit 5: Cluster validation and testing
- Unit 6: Basic PowerHA SystemMirror administration
- Exercise 5: Cluster validation and testing
- Exercise 6: Extending the configuration

Day 4

- Unit 7: Events
- Unit 8: Basic troubleshooting
- Exercise 7: Events
- Exercise 8: PowerHA SystemMirror problem determination

Day 5

- Unit 9: PowerHA SystemMirror installation
- Exercise 9: Install and maintain PowerHA SystemMirror
- Open lab

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