
Power Systems for AIX IV: Performance Management

Duration: 0 Days Course Code: AN51G

Overview:

Learn to install and configure a highly available cluster using PowerHA for AIX.
The lab exercises are conducted on an AIX 6.1 level system.

Target Audience:

This course is for experienced AIX system administrators with TCP/IP networking and AIX LVM experience who are responsible for the planning and installation of a Power HA 6.1 cluster on an IBM power systems server running AIX 5L V5.3 or later.

Objectives:

- Explain what high availability is
 - Outline the capabilities of PowerHA for AIX
 - Design and plan a highly available cluster
 - Install and configure PowerHA for AIX in the following modes of operation: Single resource group on a primary node with standby node; and Two resource groups in a mutual takeover configuration
 - 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
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Prerequisites:

You should be an AIX system administrator and have TCP/ IP, LVM storage and disk hardware implementation skills. These skills may be obtained by attending:

- Power Systems for AIX II: AIX Implementation and Administration (AN12) or (AX12)
 - Power Systems for AIX III: Advanced Administration and Problem Determination (AN15) or (AX15)
 - or through equivalent experience
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Content:

Day 1

- Unit 1 - Introduction to PowerHA for AIX 5L
- Unit 2- Basic Application and resource group considerations
- Exercise 1
- Exercise 2

Day 2

- Unit 3- Basic Network considerations
- Unit 4- Shared storage considerations for high availability
- Unit 5 - Initial cluster configuration steps
- Exercise 3
- Exercise 4
- Exercise 5

Day 3

- Unit 6 - Verification and basic monitoring
- Unit 7 - Additional network and application considerations
- Unit 8 - Additional cluster configuration steps
- Exercise 6
- Exercise 7
- Exercise 8

Day 4

- Unit 9 - Basic PowerHA administration
- Unit 10 - Events
- Exercise 9
- Exercise 10

Day 5

- Unit 11 - Problem determination and recovery
- Unit 12 - PowerHA installation
- Exercise 11
- Open Lab

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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