

PowerHA SystemMirror 7 Planning and Implementation and Customization and Basic Administration

Varighed: 5 Days Kursus Kode: AN61G Leveringsmetode: Virtuel deltagelse

Beskrivelse:

This course is designed to prepare students to install and configure a highly available cluster using PowerHA SystemMirror. Important: This course consists of several independent modules. The modules, including the lab exercises, stand on their own and do not depend on any other content. The exercises are conducted on an AIX 7.2 TL1 level system.

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

The recommended audience for this course is students who are: experienced AIX system administrators with TCP/IP networking and AIX Logical Volume Manager (LVM) experienced responsible for the planning and installation of a PowerHA SystemMirror 7.2.1 and later cluster on an IBM Power Systems server running AIX V7.2 or later.

Agenda:

- After this course, participants should be able to:
- 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

Forudsætninger:

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

Yderligere Kurser:

This course is the first in the PowerHA 7 curriculum.

The following course can be taken after this course is completed: AN62G: PowerHA 7 Advanced Configurations

Indhold:

Day 1

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

Additional Information:

An official course book in english is shared with the participants

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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