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PowerHA SystemMirror 6.1 Migration, Extended Configuration and PD Information

Length:	5.0 Days
__Ref:	AN42G-X
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

Learn the latest features in PowerHA SystemMirror.

Learn to:

- effectively administer and monitor a IBM PowerHA SystemMirror for AIX cluster;
- implement PowerHA SystemMirror for the more complex advanced AIX configuration options;
- perform problem determination on a PowerHA SystemMirror for AIX cluster.

This course provides lectures and hands on labs in an instructor lead course environment, either in a face-to-face classroom or in a live virtual classroom environment (ILO - Instructor Led Online).

Public

This advanced course is for experienced AIX system administrators and support personnel who are responsible for the administration, maintenance, and implementation of PowerHA SystemMirror clusters on IBM Power p systems running AIX.

This course also includes those who want to:

- learn the new features with PowerHASystemMirror for AIX V6.1
- learn about how to implement PowerHASystemMirror for AIX in complex configurations
- pass the IBM Certified Systems Expert HACMP V5
- Technical leaders responsible for designing PowerHA SystemMirror for AIX clustering solutions

Prerequisites

You should have experience installing**and** performing standard PowerHA for AIX configuration functions, which can be obtained by attending one of the following courses:

- *PowerHA for AIX I: Implementation, Configuration and Administration (AN410)or (AX410) or*
- *HACMP Systems Administration I: Planning and Implementation (AU540)*

or equivalent experience.

You should also be familiar with:

- The AIX operating system
- The IBM server hardware they are using
- The principles of good system management
- TCP/IP communications concepts **and** tools
- LVM concepts **and** configuration
- Good Korn Shell script programming

Objective

- Review fundamental PowerHA SystemMirror for AIX concepts and components
- Understand what is new with PowerHA SystemMirror for AIX V6.1
- Use the more complex extended path configuration options
- Determine the status of the cluster and cluster components
- Integrate applications into PowerHA SystemMirror for AIX

Topics

Day 1

- Unit 1: PowerHA SystemMirror for AIX concepts review
- Exercise 1: Create a cluster
- Unit 2: PowerHA SystemMirror extended configuration and migration
- Exercise 2: PowerHA SystemMirror for AIX migration and extended configuration, Part 1

Day 2

- Unit 2: PowerHA SystemMirror extended configuration and migration (continued)
- Unit 3: Determining the cluster status
- Exercise 2: PowerHA SystemMirror for AIX migration and extended configuration, Part 2
- Exercise 3: Monitoring and notification

Day 3

- Unit 4: Application integration
- Exercise 4: Configuring a highly available TSM server
- Unit 5: Problem Determination Overview
- Exercise 5: PowerHA SystemMirror for AIX problem determination basics

Day 4

- Unit 6: Application and Event Script problems
- Exercise 6: Event script application problem determination (and monitoring)
- Unit 7: LVM and C-SPOC problems
- Exercise 7: LVM configuration problems

Day 5

- Unit 8: Networking and RSCT problems
- Exercise 8: Network and RSCT problems
- Open lab time