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PowerHA SystemMirror 7 Problem Determination Information

<b>Length:</b>	3.0 Days
<b>__Ref:</b>	AN66G-X
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

Overview

This course is designed to prepare students to identify and resolve problems on a highly available cluster using PowerHA SystemMirror 7.

Public

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 maintaining a PowerHA SystemMirror 7 and later cluster on an IBM Power Systems server running AIX 6.1 or later. The lab exercises are conducted on an AIX 7.1 TL2 -level system.

Prerequisites

Students attending this course are expected to have:

- AIX, TCP/ IP, LVM storage **and** disk hardware implementation skills
- An understanding of PowerHA SystemMirror concepts
- The ability to install, configure and manage a two-node cluster
- An understanding of basic cluster problem determination **and** familiarity with PowerHA SystemMirror log files

These skills are addressed in the following course **and** its prerequisites (**or** can be obtained through equivalent education and experience):

- *PowerHA SystemMirror 7: Planning, Implementation, Customization and Basic Administration (AN610)*

Objective

- Describe the config\_too\_long and event\_error cluster event problems and what impact these problems will have on cluster operation
- Locate the source of a cluster event problem

- Resolve cluster event problems and return the cluster to normal operation
- Resolve network and Cluster Aware AIX problems
- Resolve C-SPOC and LVM problems

## Topics

### Day 1

- Welcome
- Unit 1: Problem determination strategies and tools
- Unit 2: Resolving event script problems
- Exercise 1: Problem determination strategies and tools

### Day 2

- Unit 3: Resolving network, CAA, and RSCT problems: Tools
- Exercise 2: Resolving event script problems
- Exercise 3: Using log files and tools for network, CAA, and RSCT problems

### Day 3

- Unit 4: Resolving network, CAA, and RSCT problems: Problem scenarios
- Unit 5: Resolving LVM and C-SPOC problems
- Exercise 4: Resolving network, CAA, and RSCT problems
- Exercise 5: Resolving LVM problems