

PowerHA SystemMirror 7 Planning, Implementation, Customization and Basic Admin

AN61G



Delivery Type: Classroom

Duration: 5 days

Overview

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

Pre-Requisites

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)

Objectives

- ✓ 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, failover, and fallback policies
- ✓ Perform basic system administration tasks for PowerHA
- ✓ Perform basic customization for PowerHA
- ✓ Perform basic problem determination and recovery

Target Audience

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.