

# POWERHA SYSTEMMIRROR 7 PLANNING, IMPLEMENTATION, CUSTOMIZATION AND BASIC ADMINISTRATION

Course Code: 9195

IBM Course Code: AN610

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

## What You'll Learn

- 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

This course is the first in the PowerHA 7 curriculum. The following courses can be taken after this course is completed:

- PowerHA 7 Advanced Configurations (AN620)
- PowerHA SystemMirror 7 Migration (AN650)
- PowerHA/XD: Extended Distance and Disaster Recovery (AN440)

## Who Needs to Attend

The audience for this advanced 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 V6.1 or later. The lab exercises are conducted on an AIX 7.1 TL2 level system.



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CLASSROOM LIVE

\$4,750 USD

5 Day

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VIRTUAL CLASSROOM LIVE

\$4,750 USD

5 Day

## Virtual Classroom Live Outline

### Day 1

- Unit 1 - NIM overview
- Exercise 1 - NIM overview
- Unit 2 - Setting up the master
- Exercise 2 - Setting up the NIM master
- Unit 3 - RTE installation
- Exercise 3 - RTE installation
- Unit 4 - Customizing install operations
- Exercise 4 - Customizing install operations

### Day 2

- Unit 5 - NIM backups and restores
- Exercise 5 - NIM backups and restores
- Unit 6 - Managing key NIM resources
- Exercise 6 - Managing key NIM resources
- Unit 7 - Client updates
- Exercise 7 - Client updates

Mar 16 - 20, 2026 | 9:30 AM - 5:30 PM EST

Jun 15 - 19, 2026 | 9:30 AM - 5:30 PM EST



# POWERHA SYSTEMMIRROR 7 PLANNING, IMPLEMENTATION, CUSTOMIZATION AND BASIC ADMINISTRATION

Course Code: 9195

ON-DEMAND

\$2,510 USD



# POWERHA SYSTEMMIRROR 7 PLANNING, IMPLEMENTATION, CUSTOMIZATION AND BASIC ADMINISTRATION

Course Code: 9195

PRIVATE GROUP TRAINING

5 Day

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