Parallel Sysplex - Setup and Operation

Course Summary

Description

This course provides the introduction to the necessary tasks to define, setup, and establish a parallel sysplex environment. Topics covered will include defining policies, commands necessary for controlling the environment and performance management of CF structures.

Topics

- Parallel Sysplex Overview
- Setup and Definitions for the Parallel Sysplex
- Establishing Policies
- Sizing the Coupling Facility
- Parallel Sysplex Commands
- Parallel Sysplex Performance Management

 Audience

This course is designed for systems programmers that need a better understanding of setting up and controlling the parallel sysplex environment.

Prerequisites

There are no prerequisites required for this course.

Duration

Five days
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Course Outline

I. Parallel Sysplex Overview
   A. Define elements of parallel sysplex environment
   B. Review configuration options
   C. Discuss the implications of various configuration choices
   D. Planning for availability

II. Setup and Definitions for the Parallel Sysplex
   A. Review of PARMLIB definitions
   B. Sysplex naming conventions; hardware/software components
   C. Setting up the couple data sets and CDS utilities

III. Establishing Policies
   A. Considerations for establishing:
      B. WLM
      C. CFRM
      D. SFM
      E. ARM
      F. LOGR
      G. OMVS

IV. Sizing the Coupling Facility
   A. Using the CFSIZER for estimating requirements
   B. Review RMF data to tune storage requirements
   C. Considerations for storage adjustments at different CFLEVELS

V. Parallel Sysplex Commands
   A. Introduction to parallel sysplex commands
   B. Review of IPL and shutdown procedures
   C. Commands to review sysplex exploiters
   D. Introduction to problem determination and actions

VI. Parallel Sysplex Performance Management
   A. Discuss WLM definitions for parallel sysplex
   B. Review RMF data pertaining to sysplex behavior

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