

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

Parallel Sysplex - Setup and Operation

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