IBM - IMS Data Sharing

Course Number: CM502G

Duration: 3 days

Course Description

Learn about Information Management System (IMS) data sharing capabilities. Examine how multiple IMS systems on different processors can access and update the same databases with complete integrity.

Skills Gained

- Define IMS subsystems, Internal Resource Lock Manager (IRLM), and coupling facilities to use IMS data sharing
- Design recovery procedures for failures in the data sharing environment
- Understand application design considerations with IMS data sharing
- Monitor the performance of a data sharing environment
- Explain IRLM and coupling facility roles in support of IMS data sharing

Who Can Benefit

This is an advanced course for IMS system programmers and database administrators, who implement and manage IMS systems using data sharing.

Prerequisites

You should complete:

- *IMS Database Recovery Control (DBRC) and Data Sharing (CM201)* **or**

- *IMS Database Recovery Control (DBRC) and Data Sharing - Web (CMW20)*
- or have equivalent work experience

You should have working knowledge of IMS databases and the use of DBRC.

Course Details

Course Outline

- Introduction to Data Sharing
- Overview of Data Sharing Functions
- Locking
- Buffer invalidations and notifies
- Installation and definition
- Utilities
- Normal operation
- Recovery operations
- Monitoring and diagnostic tools
- Performance considerations
- Batch considerations
- Data sharing configurations and migration