Course Code: CM50G

Course Title: IMS Data Sharing

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.

Objectives:

- 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

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.

Duration:

24 Hrs

Topics:

- 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

Audience:

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