

IMS System Programming - Database and Transaction Management

Durée: 3 Jours Réf de cours: CM111G Méthodes d'apprentissage: Virtual Learning

Résumé:

This course is designed to present a description of the activities required to install, tailor, maintain, and support an IMS DB/TM system. This course describes aspects of the IMS architecture and internal structure that support database and transaction management.
Mise à jour 11/03/2025

Public visé:

This is an intermediate-level course for system programmers and technical support individuals, who need to understand installation, customization, administration, and maintenance on an IMS DB/TM system.

Objectifs pédagogiques:

- After this course participants should be able to:
- Describe a detailed description of the activities required to install, tailor, maintain and support an IMS DB/TM system
- Understand the aspects of the IMS architecture and internal structure that support Database and Transaction Management
- Understand the IMS DB/TM architecture
- Design, install, and customize an IMS DB/TM system
- Perform system administration for an IMS DB/TM system

Pré-requis:

You should have completed:

- IMS Fundamentals (CM01G) or have equivalent knowledge
- You should also have some system programming experience with IMS systems

Contenu:

- IMS Packaging and Overview
- IMS Installation and IVP
- Transaction Flow: Input Messages
- Transaction Scheduling and Execution
- IMS Locking, IMS Logger and Syncpoint Processing
- Connecting IMS to CICS and DB2
- The IMS Gen and Online Change
- IMS Data Sharing, the Common Services Layer, and Dynamic Resource Definition
- More Functions that Improve IMS Availability
- Prepare the IVP System and IMS for Education
- IMS DB/DC System SYS3 Execution

Méthodes pédagogiques :

Official course book provided to participants

Autres moyens pédagogiques et de suivi: