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IMS Logical Relationships
Information

Length: 32.0 Hours
Ref: CM241G□
Delivery method: Classroom
Price: AUD

Overview

Learn how to successfully implement and tune Information Management System (IMS) databases with IMS logical relationships. Examine in detail the various pointer options. Practice these skills in intensive machine-lab exercises.

Public

People responsible for designing, implementing, maintaining, or tuning IMS databases using logical relationships.

Prerequisites

You should have at least four months of experience using IMS and should be able to:

- • Use TSO/ISPF **or** PDF
- • Demonstrate basic knowledge of:
 - OS/VS Job Control Language
 - VSAM access methods service utilities
 - DL/I application programming techniques
- Describe the characteristics **and** storage format of HISAM, HIDAM **and** HDAM databases **and** code their DBDs
- Understand the IMS DB Monitor **and** use its reports to resolve database performance concerns

These skills can be developed by attending:

- *IMS Physical Organization of Databases Workshop (CM22)*
- *IMS Database Performance and Tuning Workshop (CM30)*

Topics

- Introduction to Logical Relationships
- Unidirectional Logical Relationships
- Unidirectional Logical Data Structures

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- Bidirectional Logical Data Structures
- Database Load and Reorganization
- Recursive Structures
- ISRT Rules and Exercise
- Logical Relationship Performance
- Logical Relationship Tuning
- Design and Change Considerations