

IMS Database Performance and Tuning

OEM: IBM • Duration: 5 Days (40 hrs) • Code: CMW30G

COURSE MODULES & TOPICS

Objectives

- Analyze performance data about the IMS database environment
- Choose IMS access methods that provide the best database performance
- Improve performance by selecting database buffer pools and buffer pool options and with the correct data set access method and storage attributes
- Implement the optimum performance options for VSAM data sets at define and execute time
- Evaluate the need for secondary indexes and select implementation options to improve their performance
- Choose physical database implementation options to improve performance
- Select Hierarchical Direct Access Method (HDAM) randomizing parameters that can improve the key randomization process

Course Content

- Introduction to IMS database tuning
- Introduction to the lab project
- Review of the IMS access methods
- Measuring IMS database performance
- Tuning VSAM buffers
- Tuning VSAM data sets
- Additional performance issues
- Tuning secondary indexes
- Tuning HDAM
- Tuning OSAM data sets and buffers
- Other tuning considerations
- Database tuning summary