

IMS Database Performance and Tuning

Cursusduur: 5 Dagen Cursuscode: CM30G Trainingsmethode: Class Connect

Beschrijving:

Learn how to tune Information Management System (IMS) databases for use in IMS/Batch, IMS/Data Communications (DC), CICS-Local-Data Language One (DL/I), and Data Base Control (DBCTL) environments. Explore the IMS database features that affect performance such as data set considerations and buffers for VSAM and OSAM. You will also practice a method for estimating performance before implementation. Plus, you will reinforce the skills you have learned with seven machine labs.

IACET Continuing Education Units: 4.0

Class Connect™

Met Class Connect worden klaslokalen virtueel met elkaar verbonden. Class Connect biedt u de mogelijkheid om een training klassikaal op afstand bij te wonen in een Global Knowledge locatie bij u in de buurt. Een hoge kwaliteitsverbinding (HD audio en video) tussen de klaslokalen garandeert de cursisten een maximale interactie met de docent en met elkaar. Samen met uw medecursisten ziet u de docent en de andere cursisten op een groot scherm alsof u er zelf bijzit.

Doelgroep:

This intermediate course is for individuals interested in the performance of the IMS Database System.

Doelstelling:

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

Vereiste kennis en vaardigheden:

You should complete:

- IMS Physical Organization of Databases Workshop (U3722) or have four to six months experience with the IMS database system.

For additional prerequisites visit our Web site and search on U3720.

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Cursusinhoud:

- Introduction to IMS database tuning
 - Introduction to the lab project
 - Review of the IMS access methods
 - Measuring IMS database performance
Lab 1: The base case Lab 2: Using IMS Reports
 - Tuning VSAM buffers Lab 3: Tuning VSAM buffers
 - Tuning VSAM data sets Lab 4: Tuning VSAM data sets Additional performance issues Tuning secondary indexes Lab 5: Tuning secondary indexes Tuning HDAM Lab 6: Tuning HDAM Tuning OSAM data sets and buffers Lab 7: OSAM data
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Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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