Course Outline

CA IDM/DB: New DBA Fundamentals 200

Course Summary

Description

CA IDMS is CA Technologies proven, Web-enabled, high-performance mainframe relational database management system. CA IDMS provides unparalleled business value for over a thousand organizations around the world and offers superior, cost-effective database performance with maximum flexibility.

This course is designed to introduce the new Database Administrator (DBA) to how to manage the environment and analyze the performance of the CV and execute any necessary tuning. Ultimately, the DBA will be able to extract the best performance from their CA IDMS/DB environment.

Objectives

By the end of this course, students will be able to:

- Manage the CV Environment
- Perform Database Management
- Execute Performance and Tuning
- Manage Security

Topics

- Introduction
- Managing the CV Environment
- Database Maintenance
- Performance Tuning
- Managing Security

Audience

This course is designed for System Administrator and Database Administrators

Prerequisite

- CA IDMS/DB v18.x:
- Concepts & Facilities 200
- Course Code: 06IDM20140
- Delivery Method: WBT, 4 Hours

Duration

Four Days

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I. ***Introduction***
   A. Overview of Course

II. ***Managing the CV Environment***
   A. Define the dictionaries
   B. Use the SYSGEN compiler to define the system
   C. Startup the IDMS Central Version
   D. Troubleshoot the Central Version

III. ***Database Maintenance***
   A. Identify and evaluate the need for maintenance activities
   B. Perform recurring maintenance
   C. Enlarge the database, as needed
   D. Modify the database structure
   E. Recover the database

IV. ***Performance Tuning***
   A. Identify the components within an IDMS Central Version
   B. Deal with performance issues
   C. Identify the available tools for monitoring and tuning
   D. Identify potential scarce resources
   E. Establish monitoring procedures
   F. Take corrective actions

V. ***Managing Security***
   A. Identify internal vs. external options
   B. Use Security Task Codes
   C. Secure Application Responses
   D. Configure Signon Security

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