

# CA IDMS™/DB r18.x: Database Maintenance 200



## Course Overview

CA IDMS/DB is CA Technologies proven, Web-enabled, high-performance mainframe relational database management system. CA IDMS/DB 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 database maintenance using CA IDMS/DB. Understanding database maintenance allows the DBA to effectively maintain the integrity of their organization's data.

Database Maintenance is the first of four courses designed for the new DBA.

### PRODUCT RELEASE

CA IDMS™/DB r18.x

### COURSE TYPE, LENGTH & CODE

- Delivery Method: WBT
- Duration: 3.5 Hours
- Course Code: 06IDM20280

### PREREQUISITES

- CA IDMS™/DB r18.x: Concepts & Facilities 200  
Course Code: 06IDM20140  
Delivery Method: WBT  
4 Hours
- CA IDMS™/DB r18.x: Managing the CV Environment 200  
Course Code 06IDM20270  
Delivery Method: WBT  
1 Hour

### WHO SHOULD ATTEND

- System Administrators
- Database Administrators

## What You Will Learn

- Identify and evaluate the need for maintenance activities
- Perform recurring maintenance
- Enlarge the database, as needed
- Modify the database structure
- Recover the database

## For Managers

Your team must improve customer service through continuously available high-performance systems while enabling critical data access to customers and business partners 24/7 through a variety of server-based, web-based and mobile applications and services. At the same time, they are under pressure to deliver more value from existing technology and simultaneously deploy new solutions to address dynamic business conditions.

This training series is intended to educate the new DBA on how to maintain your CA IDMS/DB environment in peak condition and thus limiting downtime.

**RECOMMENDED  
NEXT COURSES**

- CA IDMS™/DB r18.x: Performance and Tuning 200  
Course Code 06IDM20300  
Delivery Method: WBT  
2.5 Hours
- CA IDMS™/DB r18.x: Managing Security 200  
Course Code 06IDM20260  
Delivery Method: WBT  
45 Minutes

**Course Agenda**

<p><b>Module 1 – Identify and Evaluate the Need for Maintenance Activities</b></p> <ul style="list-style-type: none"> <li>▪ Overview</li> <li>▪ Area Space Utilization</li> <li>▪ Reporting Utilities</li> </ul>	<p><b>Module 2 – Perform Recurring Maintenance</b></p> <ul style="list-style-type: none"> <li>▪ Overview</li> <li>▪ Common Procedures</li> </ul>
<p><b>Module 3 – Enlarge the Database</b></p> <ul style="list-style-type: none"> <li>▪ Overview</li> <li>▪ Quick Processing</li> <li>▪ Longer Processing</li> </ul>	<p><b>Module 4 – Modify the Database Structure</b></p> <ul style="list-style-type: none"> <li>▪ Overview</li> <li>▪ Changing Non-SQL Database Definitions</li> <li>▪ Changing SQL Databases</li> <li>▪ Sub-Schema Changes</li> <li>▪ Procedures</li> </ul>
<p><b>Module 5 – Recover the Database</b></p> <ul style="list-style-type: none"> <li>▪ Overview</li> <li>▪ Recovery Concepts</li> <li>▪ Journaling</li> <li>▪ Automatic Recovery</li> <li>▪ Manual Recovery</li> <li>▪ Hot Backup</li> </ul>	



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