

# CA IDMS™/DB: New DBA Fundamentals 200



## Course Overview

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.

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### PRODUCT RELEASE

CA IDMS™/DB Version 18 or greater

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### COURSE TYPE, LENGTH & CODE

- Instructor-Led Training (ILT/VL)
- Four (4) Days
- 06IDM20311

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### PREREQUISITES

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

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### WHO SHOULD ATTEND

- System Administrator
- Database Administrators

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## What You Will Learn

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

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## 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 so to extract the best performance and limit outages.



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## Course Agenda

<b>Module 1 – Introduction</b>	<b>Module 2 – Managing the CV Environment</b>
<ul style="list-style-type: none"> <li>▪ Overview of Course</li> </ul>	<ul style="list-style-type: none"> <li>▪ Define the dictionaries</li> <li>▪ Use the SYSGEN compiler to define the system</li> <li>▪ Startup the IDMS Central Version</li> <li>▪ Troubleshoot the Central Version</li> </ul>
<b>Module 3 – Database Maintenance</b>	<b>Module 4 – Performance Tuning</b>
<ul style="list-style-type: none"> <li>▪ Identify and evaluate the need for maintenance activities</li> <li>▪ Perform recurring maintenance</li> <li>▪ Enlarge the database, as needed</li> <li>▪ Modify the database structure</li> <li>▪ Recover the database</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify the components within an IDMS Central Version</li> <li>▪ Deal with performance issues</li> <li>▪ Identify the available tools for monitoring and tuning</li> <li>▪ Identify potential scarce resources</li> <li>▪ Establish monitoring procedures</li> <li>▪ Take corrective actions</li> </ul>
<b>Module 5 – Managing Security</b>	
<ul style="list-style-type: none"> <li>▪ Identify internal vs. external options</li> <li>▪ Use Security Task Codes</li> <li>▪ Secure Application Responses</li> <li>▪ Configure Signon Security</li> </ul>	



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