

BMC AMI Database Advisor for IMS 3: Core Concepts (WBT)



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Course Code: ADIM-DBAC-F302

Modality	Duration	Applicable Versions	Target Audience
Web-based Training (WBT)	2 Hour	BMC AMI Database Advisor for IMS 3.2	<ul style="list-style-type: none">Database Administrators (DBAs)

Course Overview

The BMC AMI Database Advisor for IMS provides various services to help monitor, analyze, and optimize IMS database performance and availability. It assists database administrators and support teams by identifying performance issues, monitoring database health, and providing actionable recommendations for optimization.

This web-based course helps learners understand the BMC AMI Database Advisor interface and navigate through its key panels and reports. The course guides learners through viewing database analysis results, understanding exception reports, thresholds, and recommendations generated by Database Advisor. It also explains how to access and interpret reports, review database statistics, and use Database Advisor outputs to support day-to-day IMS database monitoring and tuning activities.

In addition to English, the textual content of this course is available in Chinese (Simplified), French, German, Italian, Japanese, Korean, Portuguese (Brazil), and Spanish (Mexico).

Prerequisites

- NA

Learning Objectives

- Discuss Data Management Goals
- List and describe challenges in IMS Database Management
- Explain the traditional database maintenance cycle
- List and describe tasks performed during the traditional database maintenance cycle
- Understand IMS data management goals, challenges, and the traditional database maintenance cycle
- Explain key functions of Database Advisor, Recovery Advisor, and RECON Advisor
- Describe reorganization, recovery, and image copy features used in IMS database management
- Understand the DBA Toolkit and commonly used utilities
- Explain Database Advisor tools and HALDB modelling capabilities
- Generate and interpret Database Advisor reports

Course Modules

Module 1: BMC AMI Database Advisor Overview

- Overview of IMS Database Management
 - Role of IMS databases in mainframe environments
 - Data management goals such as availability, performance, and data integrity
 - Common challenges in IMS database maintenance
- Traditional Database Maintenance Cycle
 - Overview of maintenance activities like image copy, reorganization, recovery, and monitoring
 - Limitations of manual and traditional maintenance approaches
- Introduction to BMC AMI Database Advisor
 - Purpose and benefits of using Database Advisor
 - How Database Advisor simplifies IMS database management
 - Key components and high-level architecture
- Getting Started
 - Product overview and navigation
 - Understanding how Database Advisor fits into daily DBA activities

Module 2: Exploring Functions and Features of BMC AMI Database Advisor for IMS

- Database Advisor Functions
 - Reorganization thresholds and exception handling
 - Automated solutions for performance and space management
- Recovery Advisor Functions
 - Recovery thresholds and exceptions
 - How Recovery Advisor helps ensure data availability
- RECON Advisor Functions
 - RECON thresholds and exception management
 - Importance of RECON data consistency
- RECON Utilities
 - RECON Reorg utility
 - DBRC List History function
- Advanced Features
 - Conditional Reorg
 - Conditional Image Copy
 - IC Triggering by CA
 - Monitor Recovery feature
 - Recovery Wizard for guided recovery operations
- Global Configuration
 - Description of fields on the AES Global Options Record panel
 - How global settings impact Advisor behaviour

Module 3: Tools and Reports

- DBA Toolkit Overview
 - Concept and purpose of the DBA Toolkit
 - How it supports IMS database administration tasks
- Key Tools
 - Generate JCL function
 - DEDB Space Calculator
 - DBD Map
 - Build IDCAMS control statements
 - JES Viewer
 - Disassemble function
 - Object Annotation function
 - Auto Configure Wizard
 - Access Control
- Database Advisor Tools
 - Historical Analysis Wizard
 - Partition and Randomizer Tuning

- HALDB Modelling and Migration
 - How HALDB Modelling and Migration tools work
 - Reports
 - Types of reports generated by Database Advisor
 - Exception Forecast report
 - Batch reports
 - Steps to generate and interpret reports
 - Benefits
 - Key advantages of using Database Advisor tools for proactive IMS database management
- Course Assessment

Course Assessment

Discount Options

Have multiple students? Contact us to discuss hosting a private class for your organization.

Contact us for additional information 