



# BMC AMI Storage IAM 11.x: Fundamentals Concepts (WBT)

## COURSE ABSTRACT

### COURSE CODE

- » DXII-CONT-F1100

### APPLICABLE VERSIONS

- » BMC AMI Storage IAM 11.x

### DELIVERY METHOD

- » Web-based Training (WBT)

### COURSE DURATION

- » 2 hours

### PREREQUISITES

- » None

### RECOMMENDED TRAININGS

- » None

## Course Overview

BMC AMI Storage IAM is a high-performance indexed access method for z/OS® that can be used in place of VSAM KSDS or VSAM ESDS data sets for batch, TSO, and online processing. It offers numerous advantages over the IBM® provided VSAM access method.

The IAM technique uses a unique underlying file structure and data organization. This invention yields considerable, validated performance advantages when combined with performance-oriented algorithms and coding techniques.

This web-based course helps learners understand the fundamental concepts of IAM and the working of IAM files, the advantage of IAM over VSAM, and the IAM VSAM interface. The course introduces learners to the IAM dataset structure and the support functions of IAM.

## Target Audience

- » Developers
- » Performance Analyst
- » Storage Managers
- » System Programmers

## Learner Objectives

- » Explain the concepts and features of IAM
- » Discuss the IAM file structure and the working of an IAM file
- » Describe how to convert a VSAM dataset to an IAM dataset
- » Explain VSAM, its usage, and how IAM addresses VSAM's shortcomings
- » Describe the VSAM interface and the process of activating the IAM VSAM interface
- » Discuss the Enhanced File Format structure of IAM
- » Explain the concept of data compression and its benefits
- » Describe the space management techniques in IAM
- » Explain the support functions of IAM
  - Pervasive Encryption
  - Record Level Sharing
  - IAM/PLEX
  - Real Time Tuning
  - Journaling
  - SMS Support
  - IAM Alternate Index
  - File Reorganization Overview

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### COURSE ACTIVITIES

- » Presentations
- » Demonstration
- » Course Assessment

### CERTIFICATION PATH

- » Not applicable

### DISCOUNT OPTIONS

- » Have multiple students? Contact us to discuss hosting a private class for your organization
- » **Contact us for additional information** 

## Course Modules

### Module 1: Introduction to IAM

- » IAM Concepts and Features
- » IAM File Structure
- » Working of IAM Files
- » Defining IAM Files

### Module 2: VSAM

- » VSAM Overview
- » VSAM Usage
- » VSAM Shortcomings Addressed by IAM

### Module 3: IAM VSAM Interface

- » VSAM Interface
- » Activating IAM VSAM Interface
- » IAM Deployment

### Module 4: IAM Dataset Structure and I/O

- » IAM File Overview
- » Enhanced File Format Structure
- » Data Compression
- » Space Management Overview

### Module 5: IAM Support Functions

- » Pervasive Encryption
- » Record Level Sharing
- » IAM/PLEX
- » Real Time Tuning
- » Journaling
- » SMS Support
- » IAM Alternate Index Support
- » File Reorganization Overview

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