



BMC AMI Apptune for Db2® 13.x: Fundamentals Using (WBT)

COURSE ABSTRACT

COURSE CODE

- » ADDB-APTU-F131

APPLICABLE VERSIONS

- » BMC AMI Apptune for Db2® 12.1 and 13.1

DELIVERY METHOD

- » Web-based Training (WBT)

COURSE DURATION

- » 3 Hours

PREREQUISITES

- » NA

RECOMMENDED TRAINING

- » *BMC AMI SQL Performance for Db2® 13.x: Fundamentals Concepts (WBT)*
- » *BMC AMI SQL Performance for Db2® 13.x: Fundamentals Command Center (WBT)*

Course Overview

BMC AMI Apptune for Db2® is an application performance and resource analysis product used to gather and display data from a single SQL statement or a set of SQL statements. The gathered data provides valuable information about the performance and resource use of Db2 applications.

Unlike other Db2 performance aids that rely on expensive Db2 SQL traces to gather data, BMC AMI Apptune for Db2 collects all relevant performance measures in real-time for every SQL statement executed in one or more Db2 subsystems. The product then summarizes the collected data and stores it for analysis. This method of collecting data provides detailed information about the performance and resource usage of Db2 applications while avoiding the costly overhead and large volumes of data associated with other Db2 performance aids. BMC AMI Apptune for Db2 is a component of the SQL Performance for DB2 solution, which integrates the features and functions of BMC AMI Apptune for Db2, BMC AMI SQL Explorer for Db2, and the Index Component (available only with the SQL Performance for DB2 solution) into a single product interface.

This course introduces the fundamentals of using BMC AMI Apptune for Db2, including the application architecture and key features and concepts. In addition, you learn about managing the Apptune reports, workload analysis tasks, using batch processing, and explaining SQL statements.

Target Audience

- » Database Administrators
- » Programmers
- » Developers

Learner Objectives

- » Introduction to the BMC AMI Apptune for Db2 application
- » List and explain the key concepts and features of the application
- » Access and navigate the application
- » Manage Apptune reports
- » Manage Workload analysis tasks
- » Use batch processing in the application
- » Explain SQL statements



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COURSE ACTIVITIES

- » Presentations
- » Demonstrations
- » Quizzes

CERTIFICATION PATHS

This course is not part of a BMC Certification Path

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 BMC AMI Apptune for Db2

- » Introduction to BMC AMI Apptune for Db2:
 - What is BMC AMI Apptune for Db2?
 - Architecture of the application
 - Key features of the application
- » Key concepts of BMC AMI Apptune for Db2
 - Main components of the application
 - Type of Apptune reports
 - Overview of Command Interface panels
 - User options
 - Explain function
- » Navigating BMC AMI Apptune for Db2
 - Login mechanisms
 - How to login to the application
 - How to navigate the interface
 - Panel layout and elements
 - Apptune Main Menu
 - Online report layout

Module 2: Apptune Reports and Workload Analysis Tasks

- » Managing Apptune reports:
 - Apptune report set
 - How to navigate between reports
 - How to work with reports

- Overview of Application groups and profiles
- Overview of Report types
- Producing batch reports in Apptune
- » Managing Workload Analysis tasks:
 - Preparing for workload analysis
 - Identifying a costly SQL statement
 - Monitoring a workload by interval
 - Filtering report data
 - Selecting a report format
 - Monitoring SQL statement cache entries
 - Using application groups and profiles
 - Viewing near-term historical data from current trace data sets
 - Viewing long-term historical data from archived trace data sets using Archive as data source
 - Viewing long-term historical data from specific archived trace data sets
 - Determining whether a high-cost statement is a spike
 - Defining SQL Performance interval alerting

Module 3: Batch Processing and Explain SQL Statements

- » Using batch processing in BMC AMI Apptune for Db2:

- Overview of Batch Processing
- Overview of DOMBRPT1 Utility
- Selection of source data for reporting
- Archive Directory
- » Explaining SQL statements:
 - Overview of Explain types
 - Specifying JCL options in batch mode
 - Setting data set options
 - Generating a list of packages to Explain
 - Specifying Batch Explain options
 - Allocating a data set for a specific job
 - Overview of Expert rules
 - Explaining a package online
 - Explaining a package in batch
 - Explaining an Ad Hoc SQL statement
 - Working with Explain results
 - Editing the Explain report layout

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