

CA Plan Analyzer for DB2 r16: Core Foundations 200



PRODUCT RELEASE

CA Plan Analyzer for DB2 for z/OS r16

COURSE DURATION & COURSE CODE

- Web-Based Training
- Ninety (90) Minutes
- Course Code: 06DBT20420

PREREQUISITES

- Experience with DB2

WHO SHOULD ATTEND

- Database Administrators
- Application Developers

Course Overview

CA Plan Analyzer is a database performance management product that provides efficient and easy-to-understand DB2 plan analysis. It can be used to analyze a single SQL statement or an entire application.

This course is designed to show you how to analyze SQL from multiple sources. You will learn how to set up EXPLAIN processes, compare historical versions of access paths, and generate detailed access path analysis reports.

What You Will Learn

- Customize your CA Plan Analyzer setup
- Explain SQL from multiple sources
- Generate enhanced and easy-to-read, explain reports
- Use Explain rules to improve SQL
- Compare versions of SQL to identify access path changes and potential performance issues

For Managers

CA Plan Analyzer is a database performance management product that provides efficient and easy-to-understand DB2 plan analysis. It can be used to analyze a single SQL statement or an entire application.

This course is designed to show you how to analyze SQL from multiple sources. You will learn how to compare SQL access paths and utilize expert explain rules to improve SQL. You will also see how to predict impact of a plan in a production environment.

Course Agenda

Module 1 – Product Overview and Setup <ul style="list-style-type: none"> ▪ Understand the basic components of CA Plan Analyzer ▪ Specify the CA Plan Analyzer Profile Settings ▪ Understand the difference between regular and expert mode ▪ Customize the expert system rules 	Module 2 – Perform Quick Explain <ul style="list-style-type: none"> ▪ Run a Quick Explain ▪ Analyze Explain output
Module 3 – Create Explain Strategy <ul style="list-style-type: none"> ▪ Create Explain strategies in both regular and expert modes 	Module 4 – Run an Explain <ul style="list-style-type: none"> ▪ Execute & re-execute Enhanced Explains on a Strategy ▪ View results (reports)
Module 5 – Analyze Historical Explain Data <ul style="list-style-type: none"> ▪ Use the Query Explain Database facility ▪ Use the Compare Explain Versions facility 	Module 6 – Analyze Data Using Identify Problem Plans/Packages Facility <ul style="list-style-type: none"> ▪ Identify Problems Plans/Packages ▪ Identify problematic SQL stored in historical repository

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