

CA Insight for DB2 r16: Core Foundations 200



PRODUCT RELEASE

CA Insight Data Performance
Monitor for DB2 for z/OS r16

COURSE DURATION & COURSE CODE

- Web-Based Training
- One (1) Hour
- Course Code:
06DBT20410

PREREQUISITES

- None

WHO SHOULD ATTEND

- Database Administrators
- Application Developers

Course Overview

CA Insight DPM is a database performance management product that monitors DB2 subsystems, DB2 applications and DB2 connections. CA Insight DPM reduces the time and effort involved in identifying and correcting DB2 performance problems.

This course is designed to help you understand and utilize the core functions of CA Insight DPM.

What You Will Learn

- How to define printing destinations through:
 - Display parameters
 - Print parameters
- Monitor use of DB2 pool storage
- Find expensive Dynamic SQL in cache
- See subsystem metrics from the recent past
- Find and cancel a problem thread
- Gather deeper diagnostic metrics
- Monitor subsystems, databases and applications

For Managers

CA Insight DPM allows your Database Administrators to identify performance problems as they occur and fix critical issues before they impact service levels.

A complete understanding of this product will help your Database Administrators and Developers to track performance trends for proactive performance management.

Course Agenda

Module 1 – CA Insight DPM Basics	Module 2 – Setting Up Profiles
<ul style="list-style-type: none"> ▪ Explain CA Insight DPM’s main functions ▪ Explain the CA Insight DPM architecture ▪ Navigate CA Insight DPM ▪ Obtain product documentation ▪ Pick a DB2 subsystem to monitor ▪ Get help for CA Insight DPM or DB2 metrics 	Edit your CA Insight DPM user profile by: <ul style="list-style-type: none"> ▪ Defining print destinations ▪ Allocating request libraries ▪ Defining shortcut commands and PF keys
Module 3 – Performance Metrics for the DB2 Subsystem	Module 4 – Application Information
<ul style="list-style-type: none"> ▪ Monitor various pool activity ▪ Look at dynamic SQL statements in cache ▪ Look at subsystem activity in history 	<ul style="list-style-type: none"> ▪ Watch active threads ▪ Find and cancel problem threads ▪ Find recent threads that used excessive resources
Module 5 – Gather Deeper Diagnostic Metrics	Module 6 – Monitor Subsystems, Databases, and Applications
Use traces and probes to: <ul style="list-style-type: none"> ▪ Trace applications ▪ Capture dynamic SQL ▪ Monitor other system and application activity ▪ Run auditor reports 	Use the CA Insight DPM Exception Monitor to: <ul style="list-style-type: none"> ▪ Inactivate un-needed exceptions ▪ Update Exceptions to proactively monitor DB2 <ul style="list-style-type: none"> • Subsystem metrics • Database metrics • Application metrics

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