BROADCOM®

Detector® for Db2 for z/OS: Exception and Error Collection 200

EDUCATION COURSE DESCRIPTION

SUPPORTED PRODUCT RELEASES
Detector® for Db2 for z/OS Version 20.0

COURSE TYPE, LENGTH, & CODE
- WBT
- 30 minutes
- 06PDT20030

PREREQUISITES
- Experience with Db2

WHO SHOULD ATTEND
- Database Administrators
- Performance Analysts
- Application Developers
- System Programmers

RELATED COURSES
- Detector® for Db2 for z/OS: Getting Started 200 (06PDT20010)
- Detector® for Db2 for z/OS: Standard Collection 200 (06PDT20020)
- Detector® for Db2 for z/OS and Subsystem Analyzer for DB2 for z/OS: Batch Reporting 200 (06PDT20040)
- Subsystem Analyzer for Db2 for z/OS: Overview 200 (06PSA20010)

Course Overview

Detector provides analysis capabilities that help identify the programs and SQL statements that impact your Db2 system performance. SQL activity is collected from many sources—including online and batch mainframe applications using static SQL, client/server applications, reporting applications and ERP systems that access Db2 using dynamic SQL. Data warehousing applications using dynamic or static SQL and host variable values can also be collected.

In addition to standard collection, Detector provides exception and error collection. Use collection profiles to control the type and volume of exceptions and errors that Detector collects.

Exceptions should be exactly that, an exception to normal processing. Because exception collection provides more granular metrics than standard collection, it is more expensive and should be used only where needed. Any SQL statement that exceeds the application or global thresholds, as applicable, will be included in this collection

Identifying SQL error types and where the errors originate makes it easier to resolve the issue that's causing the error.

This Course Will Show You How To:

- Capture and investigate detailed metrics for SQL statements that exceed specified resource thresholds.
- Determine which SQL errors are occurring in a Db2 subsystem.
- Understand the importance of setting appropriate thresholds to capture Exception SQL.
- Navigate to the detailed metrics captured for each statement that caused an exception and see why that statement used so many resources.
- Select SQL codes and view all users or programs that encountered the error and see the SQLCA messages and the SQL text.

Course Resources

- [Communities](#)
- [Product Documentation](#)
- [YouTube Playlist](#)
- [Product Information](#)