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DB2 11 BLU Acceleration Implementation and Use Information

Length: 16.0 Hours
Ref: CL451G □
Delivery method: Classroom
Price: AUD

Overview

The course is intended for Data Administrators that need to prepare for using the DB2 BLU Acceleration facilities of DB2 11.1 for Linux, UNIX and Windows systems.

The concepts and facilities of the BLU Acceleration feature of DB2 11 are presented including loading data into column-organized tables and monitoring the processing of SQL statements that access the tables. The DB2 10.5 Fix Pack 4, referred to as Cancun, added support for Shadow tables, a new type of Materialized Query Table, and also Column-organized User Maintained MQT tables. One lecture unit describes these features. A demonstration allows students to implement and experiment with these functions.

With DB2 11.1, BLU Acceleration can be used in a clustered multiple database partition DB2 environment. This course includes a lecture and demonstration that allows students to create a set of column-organized tables from an existing set of row-organized tables and execute and analyze the performance of BLU Acceleration in a MPP database.

The lab demonstrations are performed using DB2 LUW 11.1 for Linux.

Public

This is an advanced course for DB2 LUW experienced database administrators who support DB2 for UNIX, Windows, and Linux databases and want to learn more about the DB2 with BLU acceleration capabilities in DB2 11.1. These skills can also be utilized to support cloud based databases using DB2 on Cloud or IBM dashDB.

Prerequisites

Participants should have completed one of the following courses:

- o DB2 11.1 Administration Workshop for Linux (CL206)
- o DB2 11.1 Quickstart for Experienced Relational DBAs (CL486)

Objective

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to

attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEnrl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Topics

Topics Covered:

- BLU Acceleration Concepts
- BLU Acceleration Implementation and Use
- Implementing Shadow Tables and BLU MQTs
- DB2 BLU MPP support

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