DB2 11 BLU Acceleration Implementation and Use

Course code: CL451G

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.

Affiliate	Duration	Course price	ITB
Praha	3	37 000 Kč	0
Brno	3	37 000 Kč	0
Bratislava	3	1 479 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location

The prices are without VAT.

Who is the course for

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.

What we teach you

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.

Required skills

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)

Course outline

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DB2 11 BLU Acceleration Implementation and Use

BLU Acceleration Concepts

BLU Acceleration Implementation and Use

Implementing Shadow Tables and BLU MQTs

DB2 BLU MPP support

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