Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Db2 11.1 Quickstart for Experienced Relational DBAs

CODE:	LENGTH:	PRICE:
CL487G	32 Hours (4 days)	£2,600.00

Description

This course teaches you to perform, basic and advanced, database administrative tasks using Db2 11.1. These tasks include creating and populating databases and implementing a logical design to support recovery requirements. The access strategies selected by the Db2 Optimizer will be examined using the Db2 Explain tools. Various diagnostic methods will be presented, including using various db2pd command options. Students will learn how to implement automatic archival for database logs and how to plan a redirected database restore to relocate either selected table spaces or an entire database. The REBUILD option of RESTORE, which can build a database copy with a subset of the tablespaces, will be discussed. We will also cover using the TRANSPORT option of RESTORE to copy schemas of objects between two Db2 databases. The selection of indexes to improve application performance and the use of SQL statements to track database performance and health will be covered. This course provides a quick start to Db2 database administration skills for experienced relational Database Administrators (DBA).
The lab demonstrations are performed using DB2 LUW 11.1 for Linux. For some lab tasks, students will have the option to complete the task using a DB2 command line processor, or using the graphical interface provided by IBM Data Server Manager.

Objectives

Please refer to course overview

Audience

This is an intermediate course for experienced DBAs and technical individuals, with experience on other relational database platforms, who plan, implement, and maintain Db2 11.1 for Linux, UNIX, and Windows databases. These skills can also be utilize to support cloud based databases using Db2 on Cloud or Db2 Hosted environments.

Prerequisites

Participants should have the following skills: o Perform basic database administration tasks on a relational database system o Use basic OS functions such as utilities, file permissions, hierarchical file system, commands, and editor o State the functions of the Structured Query Language (SQL) and be able to construct DDL, DML, and authorization statements o Discuss basic relational database concepts and objects such as tables, indexes, views, and joins o These skills can be developed by taking: • DB2 SQL Workshop • DB2 Fundamentals

Programme

Topics Covered:• Overview of Db2 11• Command Line Processor (CLP) and GUI Usage• The Db2 Environment• Creating Databases and Data Placement• Creating Database Objects• Moving Data• Backup and Recovery• Locks and Concurrency• Database Maintenance, Monitoring and Problem Determination• Security• Database Rebuild Support• Db2 Database and Table Space Relocation• Using Explain Tools• Using Indexes for Performance• Advanced Monitoring

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.