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DB2 9 Database Administration Workshop for UNIX
Information

Length: 4.0 Days
Ref: CL212G-X
Delivery method: Classroom
Price: EUR

Overview

This course teaches you how to perform basic database administration tasks using DB2 9. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements. New features, such as range partitioning, data row compression, and pure XML (native XML storage) will be introduced.

Public

This intermediate course is for System administrators, database administrators, and technical personnel involved in planning, implementing, and maintaining DB2 databases.

Prerequisites

You should be able to:

- Use basic OS functions such as utilities, file permissions, hierarchical file system, commands,**and** editor
- State the functions of the Structured Query Language (SQL),**and** be able to construct DDL, DML, **and** authorization statements
- Discuss basic relational database concepts and objects such as tables, indexes, views,**and** joins

These skills can be developed by taking:

- OS Training:
 - AIX 5L Basics
 - Linux Basics **and** Administration
 - Windows Systems Administration
- DB2 SQL Workshop
- DB2 Fundamentals

or by having equivalent HP-UX **or** Solaris administration experience

Objective

- List and describe the components of DB2
- Manage System Managed Storage (SMS), Database Managed Storage (DMS), and Automatic Storage databases and apply data placement principles
- Administer a DB2 database system using commands and GUI tools
- Implement a given logical database design using DB2 to support integrity and concurrency requirements
- Use autonomic features of DB2
- Define a DB2 recovery strategy and perform the tasks necessary to support the strategy
- Implement DB2 security

Topics

- Overview of DB2 on Linux, UNIX and Windows
- Command Line Processor (CLP) and GUI usage
- The DB2 environment
- Creating databases and data placement
- Creating database objects
- Moving data
- Backup and recovery
- Locking and concurrency
- Problem determination
- Security