Enterprise Computing Solutions - Education Services

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Db2 12 for z/OS Basic Database Administration

CODE:	LENGTH:	PRICE:
CV844G	24 Hours (3 dage)	kr 17,460.00

Description

This course will expose the beginning z/OS DBAs (Database Administrators) to fundamentals of Database Administration for a Db2 12 for z/OS. This course will teach the students how to physically implement a logical database design using DDL, and teaches considerations of referentially related tables. This course discusses the use of basic utilities, program preparation, serialization, and basic database security. This course does not cover distributed data processing, nor does it cover data sharing.

Objectives

Please refer to course overview

Audience

- Students who will be performing the role of Db2 for z/OS database administrators who need to acquire the basic skills required to administer a Db2 database.

Prerequisites

- Familiarity with the z/OS operating system, including TSO, ISPF, and SDSF
- Familiarity with SQL data manipulation statements (SELECT, INSERT, UPDATE, and DELETE) to access and change the contents of Db2 tables

Programme

Preface

- Course Overview
- Intended Audience
- Course Objectives
- Prerequisites

Unit 1 - Db2 Relational database concepts

- Relational Database design
- Data access
- Interacting with Db2 Catalog and directory

Unit 2 - SQL and SPUFI

- SQL SELECT statement review
- SQL INSERT, UPDATE, DELETE review
- SQL COMMIT and ROLLBACK review
- Joining tables
- Executing SQL using SPUFI

Unit 3 - Db2 objects (Storage groups, databases, and table spaces)

- Object concepts
- Storage Groups
- Databases
- Table Spaces

Unit 4 - Db2 Objects

- Tables
- Indexes
- Views

Unit 5 - Utilities

- Utility Categories
- Load Utility
- Check Data Utility
- Unload Utility
- Runstats Utility
- Reorg Utility

Unit 6 - Commands and program preparation

- Db2 Command Structure
- Display Command
- Archiving Logs
- Stop and Start Commands
- Executing Commands
- Program Preparation

Unit 7 - The Db2 system

- System Parameters (zParms)
- Address Spaces
- System Databases
- Buffer Pools
- Logging
- Integrity
- Security

Unit 8 - Db2 Shutdown, startup, and recovery

- Start and Stop Commands
- Db2 Shutdown Process
- Db2 Startup Phases
- System Recovery
- Object Recovery
- Copy Utility
- Recover Utility

Appendix A - Demonstration solutions

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
15 Jul 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 17,460.00
21 Oct 2024	Virtual Classroom (CET / UTC +1)	CEDT	English	Instructor Led Online		kr 17,460.00

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.