

Db2 12 for z/OS Basic Database Administration (CV844G)

ID CV844G Prix CHF 5 080,- (Hors Taxe) Durée 3 jours

A qui s'adresse cette formation

- 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.

Pré-requis

- 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

Contenu

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, and views)

- Tables
 - Aliases
- Table constraints
 - Primary key
 - Foreign key
 - Check
 - Referential integrity
- Indexes
- Views
- Qualified names
- Implicit object creation

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

Centres de formation dans le monde entier



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