Db2 13 for z/OS Basic Database Administration

Duration: 3 Days   Course Code: CV845G   Delivery Method: Virtual Learning

Overview:

This course will expose the beginning z/OS DBAs (Database Administrators) to fundamentals of Database Administration for a Db2 13 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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target 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.

Objectives:

- 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

- 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

- Tables

- Indexes

- Views

- Unit 5 - Utilities

- Utility Categories

- Load Utility

- Check Data Utility

- Unload Utility

- Runstats Utility

- 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

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

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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