Introduction to DB2 for zOS for Systems and Operations Personnel

Duration: 3 Days **Course Code: CV021G** **Delivery Method: Virtual Learning**

Overview:

DB2 11 for z/OS beginning DBAs can develop fundamental skills or recognition through lectures and hands-on exercises of:
- DB2 Objects
- Structured Query Language
- DB2 Commands
- DB2 Utilities
- DB2 Logging
- DB2 Program Preparation

The course materials cover DB2 11 for z/OS.

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:

This course is for beginning DB2 for z/OS database administrators who need to acquire the basic skills required to administer a DB2 database in a z/OS environment.

Objectives:

- **After this course participants should be able to:**
- Give an overview of the DB2 9 environment
- Describe and utilize DB2 Objects
- Describe and utilize several DB2 Utilities
- Describe the DB2I (DB2 Interactive Facility) environment
- Use SPUFI (SQL Processing Using File Input) to compose and execute SQL
- Setup and execute DB2 Commands
- Understand DB2 Logging
- Describe DB2 program preparation process
- Understand DB2 startup and shutdown
- Understand and utilize DB2 recovery strategies

Prerequisites:

You should have a working knowledge of

- z/OS, TSO, ISPF, and SDSF
- sequential, partitioned, and VSAM data sets
- and basic JCL

Testing and Certification

None

Follow-on-Courses:

None

Content:

Course Content

- z/OS Prerequisite Review
- DB2 Relational Database Concepts
- Structured Query Language (SQL) and SPUFI
- DB2 Objects
- The DB2 System
- DB2 Commands and Program Preparation
- DB2 Utilities
- DB2 Shutdown, Startup, and Recovery
- Course Summary

AGENDA

Day 1

- (00:15) Welcome
- (00:30) Unit 1: z/OS Prerequisite Review
- (00:10) Exercise 1: Connecting to z/OS and Creating Data Sets
- (00:05) Exercise 1 Review
- (01:15) Unit 2: DB2 Relational Database Concepts
- (01:15) Unit 3: Structured Query Language (SQL) and SPUFI
- (00:45) Exercise 2: SQL and SPUFI
- (00:15) Exercise 2 Review
- (01:30) Unit 4: DB2 Objects (Databases and Table Spaces)
- (00:45) Exercise 3: Databases and Table Spaces
- (00:15) Exercise 3 Review
- (01:30) Unit 4: DB2 Objects (Tables, Indexes, and Views)

Day 2

- (00:45) Exercise 4: Tables, Indexes, and Views
- (00:15) Exercise 4 Review
- (01:00) Unit 4: DB2 Objects (Qualified Names, Implicit Object Creation, and SQL Statements)
- (00:30) Exercise 5: Qualified Names, Implicit Object Creation, and SQL Statements
- (00:15) Exercise 5 Review
- (01:30) Unit 5: The DB2 System
- (00:45) Exercise 6: The DB2 System
- (00:15) Exercise 6 Review
- (02:00) Unit 6: DB2 Commands and Program Preparation

Day 3

- (00:45) Exercise 7: DB2 Commands
- (00:15) Exercise 7 Review
- (02:00) Unit 7: DB2 Utilities
- (01:00) Exercise 8: DB2 Utilities
- (00:15) Exercise 8 Review
- (01:15) Unit 8: DB2 Shutdown, Startup, and Recovery
- (00:45) Exercise 9: DB2 Recovery
- (00:15) Exercise 9 Review
- (00:30) Unit 9: Course Summary

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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