

IBM CV041G - z/OS and DB2 Basics for DB2 for z/OS DBA Beginners

 Live Online oder Präsenz

Dauer : 5 Tage (25 Stunden)

Nr. : 30020

Preis : 4.000,00 € netto

4.760,00 € inkl. 19 % MwSt.

Inhouse-Paket : Auf Anfrage

Overview

DB2 11 for z/OS beginning DBAs can develop fundamental skills or recognition through lectures and hands-on exercises of:

- TSO/E and ISPF
- Data sets
- DB2 Objects
- Structured Query Language
- DB2 Commands
- JCL and SDSF
- DB2 Utilities
- DB2 Logging
- DB2 Program Preparation

The course materials cover DB2 11 for z/OS.

Wer sollte teilnehmen:

Zielgruppe

Audience

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

Voraussetzungen

Prerequisites

There are no formal prerequisites for this course.

Course Outline

CONTENTS :

- Introduction
- TSO/E and ISPF
- Data Sets
- JCL and SDSF
- 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

- (00:30) Welcome
- (01:00) Unit 1: Introduction
- (01:30) Unit 2: TSO/E and ISPF
- (01:00) Exercise 1: TSO and ISPF
- (00:15) Exercise 1 Review
- (01:00) Unit 3: Data Sets (Data Sets and Sequential Data Sets)
- (01:00) Exercise 2: Sequential Data Sets
- (00:15) Exercise 2 Review

Day 2

- (01:00) Unit 3: Data Sets (Partitioned Data Sets)
- (01:00) Exercise 3: Partitioned Data Sets
- (00:15) Exercise 3 Review
- (00:45) Unit 3: Data Sets (VSAM Data Sets)
- (00:30) Exercise 4: VSAM Data Sets
- (00:15) Exercise 4 Review
- (01:30) Unit 4: JCL and SDSF
- (01:30) Exercise 5: JCL and SDSF
- (00:15) Exercise 5 Review

Day 3

- (01:15) Unit 5: DB2 Relational Database Concepts
- (01:15) Unit 6: Structured Query Language (SQL) and SPUFI
- (00:45) Exercise 6: SQL and SPUFI
- (00:15) Exercise 6 Review
- (01:30) Unit 7: DB2 Objects (Databases and Table Spaces)
- (00:45) Exercise 7: Databases and Table Spaces
- (00:15) Exercise 7 Review

- (01:30) Unit 7: DB2 Objects (Tables, Indexes, and Views)
- (00:45) Exercise 8: Tables, Indexes, and Views
- (00:15) Exercise 8 Review

Day 4

- (01:00) Unit 7: DB2 Objects (Qualified Names, Implicit Object Creation, and SQL Statements)
- (00:30) Exercise 9: Qualified Names, Implicit Object Creation, and SQL Statements
- (00:15) Exercise 9 Review
- (01:30) Unit 8: The DB2 System
- (00:45) Exercise 10: The DB2 System
- (00:15) Exercise 10 Review
- (02:00) Unit 9: DB2 Commands and Program Preparation
- (00:45) Exercise 11: DB2 Commands
- (00:15) Exercise 11 Review

Day 5

- (02:00) Unit 10: DB2 Utilities
- (01:00) Exercise 12: DB2 Utilities
- (00:15) Exercise 12 Review
- (01:15) Unit 11: DB2 Shutdown, Startup, and Recovery
- (00:45) Exercise 13: DB2 Recovery
- (00:15) Exercise 13 Review
- (00:30) Unit 12: Course Summary

Objective

- Describe several services provided in a z/OS environment
- Explain workloads in the batch environment
- Explain workloads in the online environment
- Describe job roles in a z/OS environment
- Log On to TSO/E
- Navigate TSO/E and ISPF
- Use TSO commands
- Setup and utilize JCL (Job Control Language)
- Utilize SDSF
- Describe the different types of data sets in a z/OS environment
- Allocate data sets and list data set information and content
- Create and modify data set content
- 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

Schulungsmethode

presentation, discussion, hands-on exercises

Hinweis

Further seminars from the [IBM](#) area.

Termine und Orte

Live Online Training

20. Nov 2023 bis 24. Nov 2023

29. Jan 2024 bis 2. Feb 2024

22. Apr 2024 bis 26. Apr 2024

10. Jun 2024 bis 14. Jun 2024

12. Aug 2024 bis 16. Aug 2024

München

29. Jan 2024 bis 2. Feb 2024

Leinfelden-Echterdingen

22. Apr 2024 bis 26. Apr 2024

12. Aug 2024 bis 16. Aug 2024

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