

## DB2 10 for z/OS Database Administration Part 2 Information

**Length:** 3.0 Days

**Ref:** CV842G

**Delivery method:** Classroom

**Price:** EUR

## Overview

This course is a continuation of course *DB2 10 for z/OS Database Administration Workshop Part 1 (CV831)* and is designed to teach you how to perform additional database administration tasks.

This course replaces *DB2 for z/OS Database Administration Workshop Part 2 (CV841)*. This is the Classroom version of Instructor-led online course *DB2 10 for z/OS Database Administration Part 2 - ILO (3V842)*.

## Public

This intermediate course is for Database Administrators and System Programmers who would like to get insight into database administration tasks. The course lab exercises are performed on a DB2 10 for z/OS environment.

## Prerequisites

You should have attended course:

- *DB2 10 for z/OS Database Administration Workshop Part 1 (CV831)*

**or** have attained a similar level of experience.

## Objective

- Execute program preparation steps including resolving common problems, defining collections and packages, and versioning of packages
- Alter table characteristics such as data types of columns and identify the impact of making such changes
- Alter indexes to add columns or to change the varying length or clustering characteristics of the index, and identify the impact of making such changes
- React to the "Advisory Reorg" Database Exception Table state
- Make appropriate decisions to successfully handle table space versions
- Given the usage of the data, determine an appropriate option for dealing with the need for adding

partitions or rebalancing data partitions

- Determine the applicability and implement clone tables, user-defined distinct types, user-defined functions, stored procedures, triggers, and large objects

## Topics

### Day 1

- Welcome
- Unit 1: Transition from *DB2 9 for z/OS Database Administration Workshop Part 1 (CV830)* to *DB2 for z/OS Database Administration Workshop Part 2 (CV841)*
- Unit 2: Program Preparation and Use of Packages
- Exercise 1: Program Preparation
- Unit 3: Online Schema Changes
- Exercise 2: Online Schema Changes

### Day 2

- Unit 4: Clone Tables
- Exercise 3: Clone Tables
- Unit 5: Partition Management
- Exercise 4: Partition Management
- Unit 6: UDTs and UDFs
- Exercise 5: UDTs and UDFs

### Day 3

- Unit 7: Stored Procedures
- Exercise 6: Stored Procedures
- Unit 8: Triggers
- Exercise 7: Triggers
- Unit 9: Large Objects
- Exercise 8: LOBs

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