

## CV842G: IBM DB2 10 for z/OS Database Administration Part 2

Course Code: CV842G

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### 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).

### SKILLS COVERED

- 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

### WHO SHOULD ATTEND?

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

DB2 10 for z/OS Database Administration Workshop Part 1 (CV831) **or** have attained a similar level of experience.

### MODULES

#### Module 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

#### Module 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

**Module 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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