

Db2 13 for z/OS Advanced Database Administration

OEM: IBM • Code: ITS-CV881G

COURSE DESCRIPTION

This course introduces advanced database administration skills, including program preparation and the use of packages, online schema changes, partition management, and stored procedures. Performance and availability features of utilities, including LOAD, REBUILD INDEX, REORG, and UNLOAD are covered. This course does not cover distributed data processing or data sharing.

AUDIENCE PROFILE

- Administrators familiar with Db2 who wish to augment their skill set in administering Db2 13 for z/OS database environment.

PREREQUISITES

- Familiarity with the z/OS operating system, including TSO, ISPF, and SDSF
- Familiarity with SQL DML (SELECT, INSERT, UPDATE, and MERGE, as well as DDL statements (CREATE, ALTER, DROP)
- Basic skills administering a Db2 13 for z/OS database environment, including use of basic utilities, serialization, and basic database security

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Understand and apply the concepts covered under "Unit 1: Program Preparation and the Use of Packages - Part 1"
- Understand and apply the concepts covered under "Unit 2: Online Schema Changes - Part 1"
- Understand and apply the concepts covered under "Unit 3: Online Schema Changes - Part 2"
- Understand and apply the concepts covered under "Unit 4: Partition Management - Part 1"
- Understand and apply the concepts covered under "Unit 5: Partition Management - Part 2"
- Understand and apply the concepts covered under "Unit 6: Stored Procedures - Part 1"
- Understand and apply the concepts covered under "Unit 7: LOAD and REBUILD INDEX"
- Understand and apply the concepts covered under "Unit 8: REORG"
- Understand and apply the concepts covered under "Unit 9: UNLOAD"
- Understand and apply the concepts covered under "(Optional) Unit 10: Program Preparation and the Use of Packages - Part 2"
- Understand and apply the concepts covered under "(Optional) Unit 11: Stored Procedures - Part 2"

Module 1: Unit 1: Program Preparation and the Use of Packages - Part 1

- Program Preparation and the Use of Packages - Part 1

Module 2: Unit 2: Online Schema Changes - Part 1

- Online Schema Changes - Part 1

Module 3: Unit 3: Online Schema Changes - Part 2

- Online Schema Changes - Part 2

Module 4: Unit 4: Partition Management - Part 1

- Partition Management - Part 1

Module 5: Unit 5: Partition Management - Part 2

- Partition Management - Part 2

Module 6: Unit 6: Stored Procedures - Part 1

- Stored Procedures - Part 1

Module 7: Unit 7: LOAD and REBUILD INDEX

- LOAD and REBUILD INDEX

Module 8: Unit 8: REORG

- REORG

Module 9: Unit 9: UNLOAD

- UNLOAD

Module 10: (Optional) Unit 10: Program Preparation and the Use of Packages - Part 2

- (Optional) Unit 10: Program Preparation and the Use of Packages - Part 2

Module 11: (Optional) Unit 11: Stored Procedures - Part 2

- (Optional) Unit 11: Stored Procedures - Part 2