

# **Enterprise Computing Solutions - Education Services**

# TRAINING OFFERING

Vous pouvez nous joindre ici

Email: training.ecs.fr@arrow.com Phone: 01 49 97 50 00



# **Db2 12 for z/OS Advanced Database Administration**

CODE: DURÉE: PRIX H.T.:

CV880G 16 Hours (2 Jours) €1,500.00

# **Description**

This course introduces the student to advanced database administration skills, including program preparation and the use of packages, online schema changes, partition management, and stored procedures; as well as performance and availability features of utilities (including LOAD, REBUILD INDEX, REORG, and UNLOAD). This course does not cover distributed data processing, nor does it cover data sharing.

# **Objectifs**

- Program preparation and the use of packages part 1 Program preparation overview Execution time errors BIND actions
   Package status and REBIND Deleting a package Determining the table/view qualifier
- Online schema changes part 1 Changing data type Adding columns to a table Renaming columns in a table Renaming indexes Adding columns to indexes Versioning
- Online schema changes part 2 Pending online schema changes Dropping columns from a table Converting to UTS Other pending changes Impact of pending changes on immediate options Restrictions and considerations
- Partition management part 1 Adding partitions Rotating partitions
- Partition management part 2 Modifying limit keys Rebalancing partitions
- Stored procedures part 1 External stored procedures WLM-established application environments Altering and dropping a stored procedure Commands for stored procedures Execution privileges Catalog information
- LOAD and REBUILD INDEX LOAD with parallel index build LOAD partitions in parallel REBUILD INDEX Inline image copies and statistics LOAD SHRLEVEL CHANGE LOAD REPLACE SHRLEVEL REFERENCE
- REORG Performance features of REORG Online REORG Inline image copies and statistics Consideratons for PBG table spaces Online REORG with LOBs (optional)
- UNLOAD Overview Image copy specification Table-only input specification SHRLEVEL option Modes of operation
- Program preparation and the use of packages part 2 (optional) Table mirroring Package versioning Plan management Other REBIND PACKAGE options Application compatibility
- Stored procedures part 2 (optional) Native stored procedures Native procedure deployment

#### **Audience**

This course is for administrators who need to augment their skills in administering a Db2 12 for z/OS database environment.

### **Prérequis**

- Familiarity with the z/OS operating system, including TSO, ISPF, and SDSF.
- Familiarity with SQL DML (SELECT, INSERT, UPDATE, DELETE, and MERGE) and DDL (CREATE, ALTER, DROP) statements
- Basic skills administering a Db2 12 for z/OS database environment, including the use of basic utilities, serialization, and basic database security.

## **Programme**

 Program preparation and the use of packages part 1 Program preparation overview Execution time errors BIND actions Package status and REBIND Deleting a package Determining the table/view qualifier

- Online schema changes part 1 Changing data type Adding columns to a table Renaming columns in a table Renaming indexes Adding columns to indexes Versioning
- Online schema changes part 2 Pending online schema changes Dropping columns from a table Converting to UTS Other
  pending changes Impact of pending changes on immediate options Restrictions and considerations
- Partition management part 1 Adding partitions Rotating partitions
- Partition management part 2 Modifying limit keys Rebalancing partitions
- Stored procedures part 1 External stored procedures WLM-established application environments Altering and dropping a stored procedure Commands for stored procedures Execution privileges Catalog information
- LOAD and REBUILD INDEX LOAD with parallel index build LOAD partitions in parallel REBUILD INDEX Inline image copies
  and statistics LOAD SHRLEVEL CHANGE LOAD REPLACE SHRLEVEL REFERENCE
- REORG Performance features of REORG Online REORG Inline image copies and statistics Considerations for PBG table spaces Online REORG with LOBs (optional)
- UNLOAD Overview Image copy specification Table-only input specification SHRLEVEL option Modes of operation
- Program preparation and the use of packages part 2 (optional) Table mirroring Package versioning Plan management Other REBIND PACKAGE options Application compatibility
- · Stored procedures part 2 (optional) Native stored procedures Native procedure deployment

#### Dates de session

Sur demande. Merci de nous contacter

# Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.