Fast Lane

Db2 12 for z/OS Introduction to System Administration (CV853G)

ID CV853G   **Prix** CHF 2 400,– (Hors Taxe)   **Durée** 3 jours

A qui s'adresse cette formation

This course is intended for z/OS system administrators, database administrators, or other technical individuals who will be managing Db2 12 for z/OS.

Pré-requis

- Understanding of the objects (such as databases, table spaces, tables, indexes, and so forth) used in a Db2 subsystem
- Basic knowledge of SQL
- At least one year as a z/OS systems programmer or equivalent knowledge

OR

- At least one year as a Db2 for z/OS Database Administrator

Contenu

Starting, stopping, and accessing Db2

- • Starting Db2 as part of the z/OS IPL process
- • Data set allocation and APF authorization
- • The START DB2 and STOP DB2 commands
- • zParms, DSNTIJUZ, and DSNZPARM
- • Address spaces
- • IRLM and lock storage

Db2 components and processes

- • BSDS and logging
- • Catalog and directory
- • Program preparation and execution
- • Transaction execution
- • Data sharing in the sysplex

System security

- • Protecting Db2 data sets
- • Controlling connections to Db2

- • Db2 authorization exits
- • Trusted context and roles
- • Securing an application server

Db2 authorization

- • Authorizations
- • Controlling access for dynamic and static SQL
- • Access control authorization exits
- • Distributed security

Program flow for all environments

- • Connection types and language interfaces
- • Program flow

TSO and batch environments

- • TSO
- • Utilities

Transaction flow in IMS and CICS (optional)

- • Transaction processing
- • Thread reuse
- • SIGNON exit

CICS - Db2 environment (optional)

- • CICS connections to Db2
- • DSNC transaction

IMS - Db2 environment (optional)

- • IMS-Db2 introduction
- • IMS TM
- • IMS/DLI batch environment

Distributed - Db2 environment

- • Distributed attachment
- • Location aliases
- • DDF profiling
- • Block fetch

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- • Db2 REST services

Logging

- • The Db2 log
- • Log commands
- • Archiving considerations
- • BSDS

Db2 utilities

- • Categorization
- • DSNJU003 and DSNJU004
- • BACKUP and RESTORE SYSTEM

Operations (monitoring and controlling Db2)

- • Issuing Db2 commands
- • Basic workload controls
- • Monitoring and controlling utilities
- • DISPLAY commands
- • Starting / stopping databases

Recovery

- • Planning for recovery
- • Table space recovery
- • Log considerations
- • DISPLAY and SET LOG commands
- • Recovery considerations

System recover/restart

- • System checkpoints
- • System restart after normal shutdown
- • Page externalization
- • Two-phase commit processing
- • System restart after system failure
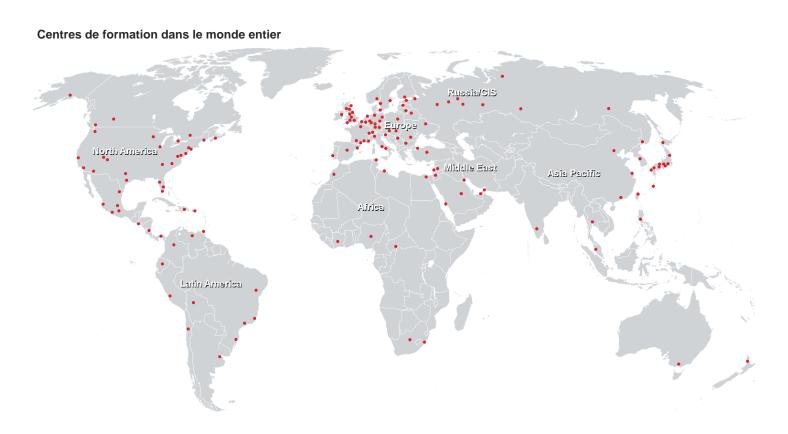- • Recovery considerations

Java with Db2 (optional)

- • Java

Administrative task scheduler (optional)

- • Overview
- • Routines
- • Scheduling features
- • Life cycle
- • Syncronization
- • Commands

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