Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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DB2 11 for zOS System Administration

Kod:	Czas trwania:	Cena netto:
CV852G	40 Hours (5 days)	zł9,950.00

Description

Administrators of DB2 11 for z/OS can acquire a view of the architecture and fundamental processes required to manage a DB2 11 for z/OS subsystem. Engage in lectures and hands-on labs to gain experience to:

- Relate the z/OS IPL process to a DB2 subsystem
- Explain effects of stopping and starting DB2
- Explain how DB2 sets and use Integrated Catalog Facility (ICF) catalog names
- The use of DSN command processor running in batch and foreground
- Use views to minimize users' ability to see into the DB2 catalog
- See how the catalog (through grant activity) controls access to data
- Search the catalog for problem situations
- Use the catalog and DB2 utilities to determine data recovery requirements
- Describe Internal Resource Lock Manager (IRLM) in a DB2 environment
- Implement DB2 and Resource Access Control Facility (RACF) security
- Describe DB2 program flow for all environments
- Display normal and problem threads and database status
- See how the SQL Processor Using File Input (SPUFI) AUTOCOMMIT option defers the COMMIT/ROLLBACK decision
- Interpret lock displays
- Identify and cancel particular threads
- Describe available DB2 utilities to manage system and user page sets

Cel szkolenia

- Start and stop the DB2 subsystem
- Explain the allocation CLIST used at logon for DB2 data sets
- Use Set SYSPARM command
- Locate the Command recognition character for the DB2 subsystem
- Query the system log to gain knowledge about the IPL process and information in the system log when DB2 is initialized or stopped
- Explore DB2 Address Spaces information
- Select the DB2 functions that best satisfy your site requirements
- Explain the use of RACF for DB2 connection security
- Explain the use of Roles and Trusted Context
- Implement security procedures for a DB2 environment
- Describe the components and address space structure of a DB2 subsystem
- Explain DB2 Program Flow for all environments
- Invoke and use DB2 TSO Facilities
- Use the DB2 Catalog to monitor authorizations
- Increase the size of the Active Log data sets
- Explain DB2 Logging
- Use SET LOG SUSPEND and SET LOG RESUME
- Use DSNJU004 to Print Log Map
- Interpret the output of the Print Log Map Utility DSNJU004
- Use DSNJU003 to rename DB2 data sets
- Plan for recovery of a BSDS failure
- Monitor and control DB2
- Explain transaction flow in IMS and CICS
- Describe the CICS and DB2 environment
- Make use and inplement the extended 10-byte RBA and LRSN

Uczestnicy

This is an intermediate course for system administrators, database administrators, and other technical individuals, who manage and implement DB2 10 for z/OS.

Wymagania wstępne

You should have:

- an understanding of the objects (tables, indexes, databases, **and** so forth) used in DB2 systems, **and** of how those objects are created, managed, **and** recovered. These skills can be developed by taking the DB2 Database Administration Workshop (CF83G) / (CV830) **or** through equivalent experience.
- a working knowledge of SQL. The SQL Workshop (CE120G) / (3E12G) provides that.
- At least one year as a z/OS systems programmer **or** equivalent experience
- **Or**, one year working with DB2 on the mainframe as a DBA on the mainframe **or** equivalent experience

Program szkolenia

Please refer to course overview for description information.

Terminy

Na żądanie. Prosimy o kontakt

Dodatkowe informacje

Jeśli interesują Cię inne szkolenia tego producenta - skontaktuj się z nami.