Db2 12 for z/OS Introduction to System Administration

Duration: 3 Days   Course Code: CV853G   Delivery Method: Virtual Learning

Overview:

This course provides students with an introduction to the skills and knowledge needed to administer a Db2 12 for z/OS system.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

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

Objectives:

- After completing this course, students should be able to:

- Start and stop a Db2 subsystem

- Use the SET SYSPARM command

- Access the system log to gather information about the subsystem initialization, operation, or shutdown

- Describe the components and address space structure of a Db2 subsystem

- Explain the use of RACF (or another external security program) for Db2 connection security

- Explain the use of Roles and Trusted Contexts

- Implement security procredures for a Db2 subsystem

- Explain Db2 program flow for all environments

- Explain parameter setting for the IRLM

- Invoke and utilitze Db2 TSO facilities

- Use the Db2 Catalog to monitor subsystem authorizations

- Work with the Active Log data sets

- Explain Db2 logging

- Use SET LOG SUSPEND and SET LOG RESUME

- Use DSNJU004 to print log map and interpret the results

- Use DSNJU003 to rename Db2 data sets

- Plan for recovery of a BSDS failure

- Monitor and control a Db2 subsystem

- Explain transaction flow in IMS and CICS environments (optional)

- Describe the CICS and DB2 environment (optional)

- Explain the difference between JDBC and SQLJ

- And much more

-

Prerequisites:

- 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

Content:

Access control authorization exits	Archiving considerations	Overview
Distributed security	BSDS	Routines
Program flow for all environments	Db2 utilities	Scheduling features
Connection types and language interfaces	Categorization	Life cycle
Program flow	DSNJU003 and DSNJU004	Syncronization
TSO and batch environments	BACKUP and RESTORE SYSTEM	Commands
TSO	Operations (monitoring and controlling Db2)	

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.com/en-gb/

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK