DB2 10 for z/OS System Performance Analysis and Tuning

Duration: 4 Days          Course Code: CV951G

Overview:
This course explains how to monitor and tune DB2 10 for z/OS from a system point of view.

Target Audience:
This course is suitable for DB2 system tuners, Enterprise capacity planners and System programmers.

Objectives:
- After completing this course, you should be able to:
  - Describe DB2 processes as they relate to DB2 performance
  - Interpret DB2 Trace Output
  - Understand the steps needed to analyze and tune a DB2 subsystem
  - Provide good input to system programmers to allow them to effectively tune the z/OS system for best DB2 performance
  - These objectives are met by discussing how to:
    - Monitor and control the DB2 workload
    - Monitor and tune IMS/CICS/DDF performance
- Monitor and tune DB2 buffer pools, EDM pool, logging and IRLM execution
- Tune DB2 attachments, including the DB2 side of distributed requests
- Analyze bottlenecks
- Communicate with systems people about DB2-related issues
- Communicate with application developers on DB2 performance topics
- Interpret DB2 statistics and accounting traces
- Establish guidelines which enhance DB2 system performance
- Understand how DB2 works well enough to be able to react effectively to various situations

Prerequisites:
You should complete:
- DB2 10 for z/OS Database Administration Workshop Part 1 (CV831GB) or have equivalent experience
- DB2 10 for z/OS Database Administration Workshop Part 2 (CV842GB) or have equivalent experience
- DB2 10 for z/OS System Administration (CV851GB) or equivalent experience
- DB2 10 for z/OS Utilities for Database Administrators (CV871GB) or have equivalent experience

Content:
- DB2 system performance analysis and tuning introduction
  - The DB2 trace
  - Introduction to the operating system and hardware
- Service time, queuing time, Case A transaction analysis
  - Introduction and analysis of case E
  - The DB2 attachments
- In-depth application of the DB2 system
  - The disk subsystem and DB2 I/O
  - Capacity analysis and massive Batch
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.co.uk

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