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System Admin. Course Outline

DB2 for Linux, UNIX, and Windows Performance Tuning and Monitoring Workshop

COURSE CODE	CL412PH
PRODUCT	DB2
RELEASE	9
DELIVERY METHOD	Instructor led
DURATION	4 days
FEE	PhP 148,920.00 plus VAT

SUMMARY DESCRIPTION

Learn how to tune for optimum performance the IBM DB2 9 for Linux, UNIX, and Windows relational database management system and associated applications written for this environment. Learn about DB2 9 for Linux, UNIX, and Windows in a single partition database environment. Explore performance issues affecting the design of the database and applications using the database, the major database performance parameters, and the different tools that assist in performance monitoring and tuning.
Use tools that are common across the Linux, UNIX, and Windows environments. During labs running on DB2 9.7, develop your ability to use monitoring tools, Explain tools and DB2 utilities like RUNSTATS, REORG and db2batch to tune a database running on your local LINUX workstation.

TOPICS

- Database Monitoring
- Database Input/Output (I/O) Management
- Tablespace and Table Design for Performance
- DB2 memory management
- Automated Memory Management
- Application Performance Considerations
- Using Explain Tools
- The DB2 Optimizer
- Using Indexes for Performance
- Complex SQL Performance
- Tools and Utilities for Performance
- Event Monitoring

For Inquiries, Contact Us:

(632) 637-1925 to 26
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AUDIENCE

This is an advanced course for database designers, database administrators, and application developers working with DB2 for Linux, UNIX, and Windows who are concerned about performance.
This course is appropriate for those using DB2 in a z/Linux environment.

PREREQUISITE

You should complete:

- DB2 9 Database Administration Workshop for Linux, UNIX, and Windows (CL2X2PH) or
- DB2 9 for Linux, UNIX, and Windows Quickstart for Experienced Relational DBAs (CL482PH) or have equivalent experience.

SKILLS TAUGHT

- Define the impact of database design (tables, indexes, and data placement) on database performance
- Describe database application programming considerations and how they affect performance
- Identify and describe the parameters (database and non-database) that affect performance
- Tune parameters to achieve optimum performance
- Identify and use the tools that assist in monitoring and tuning of a database

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