IBM

IBM HealthCheck Services
DB2 for z/OS

Highlights

- **Increase business-critical productivity and competitiveness by achieving maximum DB2® database performance**

- **Get expert advice from the best DB2 experts in the industry on how to best harness the features of DB2**

- **Review the current database system design using IBM database best practices and make recommendations to improve it**

- **Work with expert IBM database consultants to mentor your staff**

What's Involved

When engaging IBM Software Services, you are working with the industry's leading DB2 experts who work closely with the IBM Silicon Valley Lab to give you the best advice on how to maximize the use of DB2 V7, V8, or V9 in your current environment.

Consultants from IBM Software Services for DB2 Information Management will assist you by conducting a comprehensive review of your current DB2 database environment. The consultants will work closely with the administrators of your database systems to analyze the system, determine and troubleshoot key issues and identify opportunities for improvement. A series of interviews and system and database checks will be conducted to identify any operating system and

DB2 configuration issues that may be a potential choke point for performance.

The latest release of IBM DB2 for z/OS provides the ultimate in performance, scalability, reliability, availability, and security all in a cost-effective platform that is open and flexible and supports key industry standards. Additionally, improved integration with key development platforms makes application developers even more productive than ever.

This offering will help your organization get the maximum benefit from your DB2 environment by getting the recommendations to keep the DB2 database system running smoothly and avoid potentially costly issues in the future. The DB2 HealthCheck offers excellent value and provides a good starting foundation for companies in achieving their DB2 performance objectives. The DB2 HealthCheck will take advantage of the consolidated lessons learned from DB2 consulting field experience to propel your DB2 database to better performance.

During this focused review, a selection of the following areas, as needed, will be analyzed:

- IBM DB2 Subsystem considerations
    - Local Bufferpool performance
    - I/O Subsystem utilization
    - IBM DB2 System Parameters (DSNZPARM)
    - EDM Pool / RID Pool / SORT Pool utilization
    - Dynamic SQL Cache Performance
    - DBM1 Virtual Storage Management
- Current Backup and Recovery Strategy
- Current Reorg Approach
- Software Maintenance Approach
- Application Related Topics
    - Packaging and Bind Parameters
    - DB2 CICS Thread Management
    - DB2 Batch Commit Approach
    - DB2 Object Definition (DDL) Review
    - DB2 Connection Considerations
    - Review application Performance (Based on specific application areas identified)
- DB2 Data Sharing (if applicable)
    - Coupling Facility Utilization
    - Groupbufferpool Performance
    - Global Locking Analysis

For more information

To learn more about IBM Software Services for DB2 Information Management and this service offering, please contact your local IBM sales representative or send an e-mail to dmskills@us.ibm.com.

You can also visit **ibm.com**/software/ data/services/contacts.html

Supported Products
- IBM DB2 V7 for z/OS
- IBM DB2 V8 for z/OS
- IBM DB2 9 for z/OS

We can tailor this offering to the following applications as well as customer development applications.
- Siebel
- SAP
- PeopleSoft