Information Management Software Services
DB2 HealthCheck Optimized for SAP

Highlights

- *Increase business-critical productivity and competitiveness by achieving maximum DB2 9 database performance in your SAP NetWeaver environment*

- *Get expert advice from IBM DB2 consultants on how to exploit new SAP-related features available in DB2 9*

- *Gain skills on new DB2 features quickly and efficiently through knowledge transfer directly from our consultants*

Today's leading organizations require more from their database environments to accommodate growth and capitalize on new market opportunities. Since the overall health of these database systems are critical, thousands of customers leverage IBM Software Services to ensure their database environment is running efficiently in the shortest possible time frame.

What is a DB2 HealthCheck Optimized for SAP?

A DB2 HealthCheck Optimized for SAP is designed to maximize the benefits of running SAP on DB2, increasing business-critical productivity and competitiveness. In addition, an extensive review of your DB2 environment will be conducted to assess the overall health of your system. You can rely on IBM Information Management Software Services to help your organization get the most from your SAP on DB2 9 landscape.

Our consultants will provide recommendations to keep your DB2 database system running smoothly and achieve greater performance gains, while avoiding potentially costly issues in the future. This offering provides excellent value and a solid foundation for companies to achieve their SAP and DB2 performance objectives. This offering will take advantage of the latest SAP-related improvements to DB2 9 and leverage the consolidated lessons learned from DB2 consulting field experience to propel your DB2 database to better performance.

What's Involved

When engaging Software Services, you can be confident you are working with the industry's leading database experts. This offering is more than just a system review. It's tailored to meet the identified needs of the business and is also an ideal opportunity to mentor your staff on the latest SAP on DB2 best practices.

The database is the heart of any SAP solution. It is critical to the overall performance and availability of the complete SAP application. The IBM SAP Alliance has led to the close integration of IBM DB2 database with SAP solutions. The latest versions of DB2 make that integration tighter than ever. SAP-optimized versions of DB2 use autonomic computing technologies specifically tuned to help

DB2 DBA staff improve performance and increase availability.

Gain SAP on DB2 skills quickly and efficiently with expert advice and knowledge transfer directly from our mentors on the administration and operational procedures required to support the DB2 software in your unique environment. Our consultants will work closely with the administrators of your database systems to analyze the system, determine and troubleshoot the key issues and identify opportunities for improvement, including suggesting changes beneficial to your SAP environment.

The primary activities undertaken in this HealthCheck offering include:

- **DB2 Engagement Objectives and Scope Setting**
  - *Identify and set the scope and objectives of the DB2 engagement*
- **DB2 Environment Assessments**
  - *Review and document the current state of the DB2 installation*
  - *Review and document performance reports on the operating system and DB2 by using Self Tuning Memory Manager (STTM)*
  - *Review and document software environment level on DB2 servers (e.g. DB2 fixpacks, SAP kernel, support packages and OS level)*
  - *Review and document OS and DB2 configuration with a focus on SAP-related configuration parameters and registry variable settings*
  - *Review DB2 backup, database layout and recovery procedures on DB2 servers*
  - *Review operating system error logs on DB2 servers and DB2 error logs*
  - *Review and document any DB2 outages and action taken*

- *Review and document use of SAP DB2 Administration Tools*
- *Review and document partitioning strategy and use of Multidimensional Clustering tables (MDCs)*
- *Review and document reorganization strategy*

- **DB2 Recommendations**
  - *Identify and document changes to operating system/DB2 configuration parameters and operating procedures that can improve or enhance DB2 performance and stability in the SAP NetWeaver environment*
  - *Identify the use of cost-effective DB2 techniques, tools and features that can improve or enhance DB2 performance and stability in the SAP NetWeaver environment*
  - *Present and recommend best practices to optimize administration efforts*
  - *Identify and document short-term and long-term recommendations to improve the overall DB2 environment*
  - *Identify and document short-term and long-term recommendations to improve the overall DB2 environment and the next steps needed to implement these recommendations*
  - *Summarize and present findings and recommendations along with performance benefits in a formal engagement report*

For more information:

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

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