

IBM Db2 for i SQL Performance Assessment and Optimization

Overview

This SQL assessment and optimization service will help you make a successful transition from traditional IBM i record-level database access methods to today's preferred and most popular open-standard database access method. It will help you to understand SQL Statement tuning and tools and techniques to regularly monitor database metrics to maintain performance service levels.

Target Audience

- Db2 for i administrators, developers, engineers and managers.

Why Use This Service?

- Are you experiencing issues with database or SQL performance?
- Do you need assistance to understand poor performing queries and how you can control and improve them?
- Do you need a tactical solution to identify problematic Db2/SQL performance problems and what you can do about them?

Benefits

- It will identify and resolve SQL coding and database attributes to foster optimal database and application performance.
- It will help you monitor for common SQL and database issues and problem areas that will help you maintain ongoing good performance.

Service Provided

- Perform comprehensive review of all aspects of database performance relevant to SQL query performance.
- Detailed review of system settings related to Db2 performance
 - System values
 - Query options file
- SQL analysis based on:
 - Plan Cache
 - Advised & Temporary Indexes
 - SQL Full Opens
 - Table & Index usage
- Review of database implementation for performance issues:
 - Data Model inefficiencies
 - SQL Program & Routine settings
 - Limits to growth

Deliverables

- Expert analysis of SQL database performance metrics.
- Detailed report with insights and recommendations on how to address problem areas identified during the analysis.
- Guidance on best practices and skills enablement for improving database and SQL query design.

Contacts

- Contact us at ibmsls@us.ibm.com or your local Lab Services team
- Principal Lab Services Consultant: Doug Mack mackd@us.ibm.com
- For more information about this and other Db2 for i services, see <http://ibm.biz/DB2iWiki>