Database Performance Tuning

Performance tuning is crucial in any modern relational database management system. Yet, it can be difficult to know how your database is doing, especially when measuring performance using traditional methods advised by some manuals, software tools, consultants and even classroom instructors.

Depending on the nature, extent and timing of the bottleneck, database performance issues can disrupt or delay the flow of critical information. CGI’s Database Performance Tuning service is designed to address performance issues and improve response times of systems and reports.

In most of our client engagements, CGI experts have eliminated up to 50% of the total processing taking place on a database system, without loss of function to the business. As a result, our clients gain a significant amount of server capacity with absolutely no outlay for hardware or software.

Our experts can help you:

- Optimize performance of your users’ most important business functions
- Identify and optimize top system database resource consumers such as CPU, memory, and disk I/O
- Minimize downtime and expenses while meeting your SLA objectives
- Reclaim server capacity without new spending on hardware or software
- Attain database scalability and performance goals
- Discover where your performance problems are not, as very often, planned remedies such as hardware/software scaling do not materially contribute to an optimization effort nor improve performance.

There is no substitute for experience

CGI’s Database Performance Tuning service and proven methodology ensure performance issues will be identified and resolved in record time – often within a few hours to a few days. Additionally, our performance tuning assessment provides valuable insight on database server infrastructure performance, and recommendations for improvement.

Putting business value first with CGI Data2Diamonds

CGI’s Data2Diamonds approach is based on the principle that data contains valuable insights (“diamonds”) that can produce business improvements when put to work. The more high quality data you can access, and the better you can analyze it, the greater the potential for value. Our methodology comes from decades of experience implementing systems that derive value from data.