Advanced DataTools

Informix Database Server Performance Tune-Up

Background:

Advanced DataTools Corporation has eight IBM Informix certified DBA's on our staff that specialize in making Informix databases and applications run faster. Every database environment is different; there is no standard approach that can be taken to performance tuning, because it depends on your systems environment and your application. We have the depth of experience and knowledge to look at all aspects of your environment and increase the throughput of your database server.

Examination process:

We will begin by setting up scripts on your system to monitor and collect statistics on your server(s), the operating system, CPU utilization, disk I/O, and the most resource-expensive SQL queries for a minimum of one week (optimally, we recommend collecting the data for one month). This will establish a baseline from which can begin. At the end of the data-collection period, we will make specific short- and long-term recommendations and work with you to establish a plan for improvements.

Deliverables:

1. One trip on-site to review and identify problems and provide recommendations
2. Collection of performance monitoring scripts to identify performance problems
3. Staff training in how to use the performance monitoring scripts and overall database performance tuning
4. Report on Database Server statics identifying any bottlenecks and problems including:
   o CPU utilization of your database server
   o Disk layout and throughput
   o Memory usage and optimization
   o Network bandwidth and activity
   o SQL activity and costs
5. Recommendations to improve the performance of the Informix database server

Scope of Work:

- Location: Your Site and Advanced DataTools Office, VA
- Proposed Dates: One month - TBD
- Deliverables due 1 week after last trip
- Level of Effort: Fix price based on quote
- We can also provide long term monitoring and support services that will make your database consistently perform better.