IBM posts leadership 4-way performance result on industry-standard TPC-H 300GB benchmark

October 26, 2004 ... IBM® continues to deliver on its reputation for leadership performance in the high-end Intel® server market. Using the latest Intel Xeon™ Processor MP, the IBM @server® xSeries® 365 server and IBM DB2® UDB 8.2, have delivered the highest 4-way performance result ever achieved on the TPC-H 300GB benchmark.

The x365 and DB2 set a new record for 4-way performance running the TPC-H benchmark, which models a decision-support system for business intelligence applications. The x365 achieved a Composite Query-per-Hour metric of 5,090.0 QphH@300GB and price/performance of $45/QphH@300GB. (1) The x365 was configured with four 3.0GHz/4MB Xeon Processors MP and ran DB2 Universal Database 8.2 and SUSE Linux Enterprise Server 9. These results rank in the Top Ten TPC-H by Performance and the Top Ten TPC-H by Price/Performance at the 300GB database size.

To view all results for the TPC-H benchmark, visit www.tpc.org.

(1) System Availability Date is January 31, 2005.

The benchmark performance results for IBM systems as presented in this document were obtained in a rigorously controlled environment. The extent to which a customer can achieve similar results is highly dependent on how closely the benchmark approximates the customer's application. The relative performance of systems derived from this benchmark does not necessarily hold for other workloads or environments. Extrapolations to any other environment are not recommended.

Benchmark results are highly dependent upon workload, specific application requirements, and systems design and implementation. Relative system performance will vary as a result of these and other factors. Therefore, these benchmark results should not be for making critical capacity planning and/or product evaluation decisions for a specific customer application.