IBM posts leadership 4-processor result on Windows on two-tier SAP SD standard application benchmark

IBM BladeCenter HX5 and DB2 9.7 deliver new result on Windows on two-tier SAP SD standard application benchmark

December 17, 2010 ... IBM® today announced a leadership 4-processor result on Windows® on the two-tier SAP® Sales and Distribution (SD) standard application benchmark. The result was achieved on the IBM BladeCenter® HX5, configured with four Intel® Xeon® X7560 processors, and using the IBM System Storage™ DS4800 and running IBM DB2® 9.7 and SAP enhancement package 4 for the SAP ERP application Release 6.0.

The HX5 blade server achieved 10,500 SAP SD benchmark users with .99 seconds average dialog response time, 57,330 SAPS, measured throughput of 3,440,000 dialog steps per hour (or 1,146,670 fully processed line items per hour), and an average CPU utilization of 99 percent for the central server. (1)

The HX5 blade's score is the overall best 4-processor result on Windows—beating HP's result of 10,460 SAP SD benchmark users achieved on the HP ProLiant BL680c G7. (2)

The HX5 was configured with four Intel Xeon X7560 processors (2.26GHz, 256KB L2 cache per core and 24MB L3 cache per processor—4 processors/32 cores/64 threads), 256GB of memory, 64-bit DB2 9.7, Microsoft® Windows Server 2008 Enterprise x64 Edition, and SAP ERP 6.0. The server accessed the DB2 9.7 database on the storage managed by an IBM System Storage DS4800 disk system. (3)

Results referenced are current as of December 17, 2010. For the latest SAP benchmark results, visit: http://www.sap.com/benchmark.

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2010051). Details can be obtained from IBM and SAP. The benchmark was performed at IBM in Reseach Triangle Park, NC, USA, by IBM engineers.

(2) Statements of comparison are based on the highest-performing 4-processor systems running SAP enhancement package 4 for SAP ERP 6.0. Results of the HP ProLiant BL680c G7 on the two-tier SAP SD standard application benchmark: 4 processors/32 cores/64 threads, Intel Xeon Processor X7560, 2.26GHz, 64KB L1 cache and 256KB L2 cache per core, 24MB L3 cache per processor, 256GB main memory, Windows Server 2008 R2 Enterprise Edition, SQL Server 2008, SAP enhancement package 4 for SAP ERP 6.0. Certification number 2010045.

(3) The configuration as tested is generally available.

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