

IBM posts new two-tier SAP SD Standard Application Benchmark result on Windows

July 11, 2007 ... IBM® today announced a new two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark result on Windows®. The result of 1,800 SAP SD Benchmark users was achieved by the IBM System x™ 3550, using the IBM System Storage™ DS4800, and running Microsoft® SQL Server 2005 and the SAP ERP 6.0 application (formerly known as mySAP™ ERP 2005).

The x3550 achieved 1,800 SAP SD Benchmark users with 1.99 seconds average dialog response time, 9,000 SAPS, measured throughput of 540,000 dialog steps per hour (or 180,000 fully processed line items per hour), and an average CPU utilization of 98 percent. (1)

The x3550 used two Quad-Core Intel® Xeon® Processor X5355 at 2.66GHz with 4MB L2 cache and 1333MHz Front-Side Bus (2 processor/8 cores/8 threads), 32GB of memory, 64-bit Microsoft SQL Server 2005, Microsoft Windows Server 2003 Enterprise x64 Edition, and SAP ERP 6.0. The x3550 server accessed the Microsoft SQL Server 2005 database on the storage managed by an IBM System Storage DS4800 disk system, designed for performance, high availability and scalability.

The SAP SD Benchmark user result posted by the x3550 in this benchmark is 40% higher than the previous result of 1,283 SAP SD Benchmark users achieved by the x3550. (2)

Results referenced are current as of July 11, 2007. For the latest SAP results, visit 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 2007044). Details can be obtained from IBM and SAP AG. The benchmark was performed at IBM in RTP, NC, USA, by IBM engineers.

(2) The x3550 used 2 processors/4 cores/4 threads, 64-bit Dual-Core Intel Xeon Processor 5160 at 3.00GHz with 4MB L2 cache per processor and 1333 MHz FSB, 16GB of memory, 64-bit DB2 9, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2004, certification number 2006058.

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