

IBM posts 2-processor result on two-tier SAP SD Standard Application Benchmark

August 21, 2006 ... IBM® today announced a 2-processor result on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark. The IBM System x™ 3550 delivered 1,283 SAP SD Benchmark users. This result was achieved by the IBM System x3550 server and IBM DB2® 9, running the mySAP™ ERP 2004 application.

The x3550 and DB2 9 achieved 1,283 SAP SD Benchmark users with 1.99 seconds average dialog response time, 6,420 SAPS, measured throughput of 385,000 dialog steps per hour (or 128,330 fully processed line items per hour), and an average CPU utilization of 99 percent. (1)

The x3550 server's result easily surpassed the 1,218 SAP SD Benchmark users achieved by the HP BL480c and the 1,155 SAP SD Benchmark users achieved by the Fujitsu Siemens Primergy RX200 S3, both of which used two Dual Core Intel® Xeon® Processors at 3.00GHz with 4MB L2 cache per processor. Both of these systems used 32GB of memory—twice as much as used by the x3550. (2, 3)

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

Results referenced are current as of August 21, 2006. For the latest SAP results, visit www.sap.com/benchmark.

(1) The SAP SD Standard Application Benchmark was performed on August 11, 2006, by IBM in Beaverton, OR, USA. This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2006058). Details can be obtained from IBM and SAP.

(2) The HP BL480c used 2 processors/4 cores/4 threads, 64-bit Intel Xeon processor at 3.00GHz with 4MB L2 cache, 32GB of memory, Microsoft SQL Server 2005 Enterprise x64 Edition, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2004, certification number 2006038.

(3) The Fujitsu Siemens Computers PRIMERGY Model RX200 S3 used 2 processors/4 cores /4 threads, Intel Xeon Processor 5160 at 3.00GHz with 4MB L2 cache per processor, 32GB of memory, Microsoft SQL Server 2005 Enterprise x64 Edition, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2004, certification number 2006041.

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