

IBM posts results on two-tier SAP SD Standard Application Benchmark

IBM System x3755 and DB2 9.5 deliver solid performance on two-tier SAP SD Standard Application Benchmark

June 19, 2008 ... IBM® has published a 4-processor/16-core result on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark of 3,540 SAP SD Benchmark users. This result was achieved by the IBM System x™ 3755, using the IBM System Storage™ DS4700, and running DB2® 9.5 and the SAP ERP Release 6.0 application. (1)

The x3755's result bests a result published by HP using the same processors in a 4-processor/16 core ProLiant BL685c G5 server blade, which produced a result of 3,524 SAP SD Benchmark users. (2)

The x3755 achieved 3,540 SAP SD Benchmark users with 1.99 seconds average dialog response time, 17,720 SAPS, measured throughput of 1,063,000 dialog steps per hour (or 354,330 fully processed line items per hour), and an average CPU utilization of 99 percent.

The x3755 used the Quad-Core AMD® Opteron™ processor Model 8356 (2.3GHz with 2MB L2 cache per 4 cores and 2MB L3 cache per 4 cores—4 processor/16 cores/16 threads), 64GB of memory, 64-bit DB2 9.5, Microsoft® Windows® Server 2003 Enterprise Edition, and SAP ERP 6.0. The x3755 server accessed the DB2 9.5 database via the IBM System Storage DS4700. (3)

Results referenced are current as of June 19, 2008. For the latest SAP Benchmark 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. The SAP certification number was not available at press time and can be found at the following Web page: www.sap.com/benchmark. Details can be obtained from IBM and SAP. The benchmark was performed at IBM in Beaverton, OR, USA, by IBM engineers.

(2) The configuration of the ProLiant BL685c G5 on the two-tier SAP SD Standard Application Benchmark was as follows: 4 processors/16 cores/16 threads, Quad-Core AMD Opteron 8356 processor with 512K L2 cache per core, 2MB L3 cache per processor, 64GB of memory, Microsoft SQL Server 2005, Microsoft Windows Server 2003 Enterprise Edition, and SAP ERP 6.0. Certification number 2008016.

(3) The IBM System x3755 using the Quad-Core AMD Opteron processor Model 8356 is generally available. .

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