

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

AMD Opteron LS41 for IBM BladeCenter® delivers performance result that surpasses HP blade

March 26, 2007 ... IBM® today announced results for a new blade server on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark. The result of 2,020 SAP SD Benchmark users was achieved by the AMD Opteron LS41 for IBM BladeCenter® and IBM DB2® 9, and running the mySAP™ ERP 2005 application.

The LS41 blade achieved 2,020 SAP SD Benchmark users with 1.98 seconds average dialog response time, 10,120 SAPS, measured throughput of 607,000 dialog steps per hour (or 202,330 fully processed line items per hour), and an average CPU utilization of 99 percent. (1)

The LS41's result surpasses the 1,987 SAP SD Benchmark users achieved by the HP ProLiant BL685c on the two-tier SAP SD Standard Application Benchmark. The BL685c was configured similarly to the LS41. (2)

The AMD Opteron LS41 used the dual-core AMD Opteron 8220 (2.8GHz, 1MB L2 cache per core—4 processors/8 cores/8 threads), 32GB of memory, 64-bit DB2 9, Microsoft® Windows® Server 2003 Enterprise x64 Edition, and mySAP ERP 2005. The blade server accessed the DB2 9 database on the storage managed by an IBM System Storage DS4000 disk system.

Results referenced are current as of March 26, 2007. 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 (certification number 2007018). Details can be obtained from IBM and SAP. The benchmark was performed at IBM in Research Triangle Park, North Carolina, USA, by IBM engineers.

(2) The HP ProLiant BL685c used 4 processors/8 cores/8 threads, dual-core AMD Opteron Model 8220 processors at 2.8GHz with 1MB L2 cache per core, 32GB of memory, Microsoft SQL Server 2005 Enterprise x64 Edition, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2005, certification number 2007007.

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