

IBM posts new result for mySAP ERP 2005 on the two-tier SAP SD Standard Application Benchmark

December 15, 2006 ... IBM® today announced a new result on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark. The result of 1,980 SAP SD Benchmark users was achieved by the IBM System x™ 3755 server, using the IBM System Storage™ DS4800, and running IBM DB2® 9 and the mySAP™ ERP 2005 application.

The x3755 achieved 1,980 SAP SD Benchmark users with 1.98 seconds average dialog response time, 9,920 SAPS, measured throughput of 595,000 dialog steps per hour (or 198,330 fully processed line items per hour), and an average CPU utilization of 99 percent. (1)

The x3755's result compares favorably with the 1,978 SAP SD Benchmark users achieved by the HP ProLiant DL585 G2 on the two-tier SAP SD Standard Application Benchmark. The DL585 was configured similarly to the x3755 except that the HP system used the previous release, the mySAP ERP 2004 application. (2)

The x3755 used four dual-core AMD Opteron Model 8220 SE processors at 2.8GHz with 1MB L2 cache per core (4 processors/8 cores/8 threads), 32GB of memory with Xcelerated Memory Technology™, 64-bit DB2 9, Microsoft® Windows® Server 2003 Enterprise x64 Edition, and mySAP ERP 2005. The server accessed the DB2 9 database on the storage managed by an IBM System Storage DS4800 disk system, designed for performance, high availability and scalability.

Results referenced are current as of December 15, 2006. 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 2006088). 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 585 G2 used 4 processors/8 cores/8 threads, dual-core AMD Opteron Model 8220 SE processors at 2.8GHz with 1MB L3 cache per core, 32GB of memory, Microsoft SQL Server 2005 Enterprise x64 Edition, Microsoft Windows Server 2003 Enterprise x64 Edition, and mySAP ERP 2004, certification number 2006067.

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