

IBM posts new 2-way result on Windows for two-tier SAP SD Standard Application Benchmark

April 20, 2005 ... IBM® today announced a new 2-way two-tier result on Microsoft® Windows® for the IBM eServer® BladeCenter® HS20 blade running IBM DB2® Universal Database on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark, running the SAP R/3® Enterprise Release 4.70 software solution.

To achieve 588 SAP SD Benchmark users on the SAP SD Standard Application Benchmark, the HS20 blade used two Intel® Xeon™ 3.6GHz processors each with 2MB of L2 cache, 8GB of memory, DB2 UDB 8.2 (64-bit), Microsoft Windows Server 2003 Enterprise Edition (64-bit), and SAP R/3 Enterprise 4.70 (64-bit). The HS20 blade achieved 1.99 seconds average dialog response time, measured throughput of 177,000 dialog steps per hour (or 59,000 fully processed line items per hour), and an average CPU utilization of 99 percent for the central server. (1)

The HS20 blade's result surpasses Windows-based results achieved by the HP ProLiant BL25p configured with two AMD Opteron 2.6GHz processors, which scored 579 SAP SD Benchmark users (2); the HP ProLiant BL35p configured with two AMD Opteron 2.4GHz processors, which scored 517 SAP SD Benchmark users (3); and the Fujitsu Siemens Computers Primergy Model BX600 S2 configured with two Intel Xeon 3.6GHz processors, which scored 515 SAP SD Benchmark users. (4)

Results referenced are current as of April 20, 2005.

For the latest SAP results, visit www.sap.com/benchmark. For information about DB2, visit www.ibm.com/db2.

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2005015). Details can be obtained from IBM and SAP. The benchmark was performed at Beaverton, Oregon, USA, by IBM engineers.

(2) HP ProLiant BL25p, 2-way SMP, AMD Opteron processor Model 252 2.6 GHz, 128 KB L1 cache, 1 MB L2 cache, running SAP R/3 Enterprise 4.70 (64-bit), and Microsoft SQL Server 2000 (64-bit) and Microsoft Windows Server 2003 Enterprise Edition (64-bit), certification 2005006.

(3) HP ProLiant BL35p, 2-way SMP, AMD Opteron processor Model 250 2.4 GHz, 128 KB L1 cache, 1 MB L2 cache, running SAP R/3 Enterprise 4.70 (64-bit), and Microsoft SQL Server 2000 (32-bit) and Microsoft Windows Server 2003 Enterprise Edition (64-bit), certification 2005007.

(4) Fujitsu Siemens Computers PRIMERGY Model BX600 S2 2-way Server Blade, 2-way SMP, Intel Xeon 3.6 GHz, L1 Execution Trace Cache, 2 MB L2 cache, running SAP R/3 Enterprise 4.70 (64-bit), Microsoft SQL Server 2000 (32-bit) and Microsoft Windows Server 2003 Enterprise Edition (64-bit), certification 2005003.

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