

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

December 6, 2004 ... IBM® today announced a leadership 2-way two-tier result on Microsoft® Windows® for the IBM eServer® xSeries® 346 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.

The x346 used DB2 UDB (32-bit) and Microsoft® Windows® Server 2003 (32-bit) to achieve 470 SAP SD Benchmark users, the best score for a 2-way server using Windows. The x346 server achieved 1.92 seconds average dialog response time, measured throughput of 142,000 dialog steps per hour (or 47,330 fully processed line items per hour), and an average CPU utilization of 98 percent for the central server. (1)

The x346 server's result surpasses Windows-based results achieved by the HP ProLiant DL380 G4 configured with two Intel® Xeon™ 3.6GHz processors, which scored 437 SAP SD Benchmark users; the Dell PowerEdge 1850 configured with two Intel Xeon 3.4GHz processors, which scored 350 SAP SD Benchmark users; and the Fujitsu Siemens Computers Primergy Model TX300 S2 configured with two Intel Xeon 3.6GHz processors, which scored 459 SAP SD Benchmark users.

The x346 server's result also beats the Linux-based result achieved by the Sun Microsystems Sun Fire Model V20z configured with two AMD Opteron Model 250 2.4GHz processors, which scored 456 SAP SD Benchmark users. (2)

The x346 used two Intel Xeon 3.6GHz processors each with 1MB of L2 cache, 8GB of memory, DB2 UDB 8.2 (32-bit), Microsoft Windows Server 2003 Enterprise Edition (32-bit), and SAP SD Standard Application Benchmark, SAP R/3 Enterprise 4.70.

Results referenced are current as of December 6, 2004.

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

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2004071). Details can be obtained from IBM and SAP. The benchmark was performed at Research Triangle Park, North Carolina, USA, by IBM engineers.

(2) HP ProLiant DL380 G4, 2-way SMP, Intel Xeon 3.6GHz with 1MB L2 cache, running SAP R/3 Enterprise 4.70, and Microsoft SQL Server 2000 (32-bit) and Microsoft Windows Server 2003 Enterprise Edition (32-bit), certification 2004050. Dell PowerEdge 1850, 2-way SMP, Intel Xeon 3.4GHz with 1MB L2 cache, running SAP R/3 Enterprise 4.70, and Microsoft SQL Server 2000 (32-bit) and Microsoft Windows Server 2003 Enterprise Edition (32-bit), certification 2004070. Fujitsu Siemens Computers Primergy Model TX300 S2, 2-way SMP, Intel Xeon 3.6GHz with 1MB L2 cache, running SAP R/3 Enterprise 4.70, and Microsoft SQL Server 2000 (32-bit) and Microsoft Windows Server 2003 Enterprise Edition (64-bit), certification 2004069. Sun Microsystems Sun Fire V20z, 2-way SMP, AMD Opteron Model 250 2.4GHz with 1MB L2 cache, running SAP R/3 Enterprise Release 4.70, and Oracle 9i (32-bit) and SUSE Linux Enterprise Server 8 (64-bit), certification 2004047.

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