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

July 27, 2005 ... IBM® today announced a 2-way two-tier result on Microsoft® Windows® for the IBM eServer™ 326 running IBM DB2® Universal Database V8.2.2 on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark, running the SAP R/3® Enterprise Release 4.70 software solution.

The e326 used DB2 UDB (64-bit) and Microsoft® Windows® Server 2003 (64-bit) to achieve 588 SAP SD Benchmark users, a competitive score for a 2-way server using Windows. The e326 server achieved 1.98 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 e326 server's result beats the Windows-based result achieved by the similarly configured HP ProLiant DL385, which scored 584 SAP SD Benchmark users, and used two AMD Opteron Model 252 2.6GHz processors each with 1MB L2 cache, and 16GB of memory. (2)

The e326 server's result also beats the Windows-based result achieved by the HP ProLiant DL360 using Intel's latest Xeon processor. The DL360 scored 584 SAP SD Benchmark users, and was configured with two Intel® Xeon™ 3.6GHz processors each with 2MB L2 cache, and 12GB of memory. (3)

The e326, which used an all-64-bit solution, was configured with two AMD Opteron Model 252 2.6GHz processors each with 1MB of L2 cache, 16GB of memory, DB2 UDB 8.2.2 (64-bit), Microsoft Windows Server 2003 Enterprise Edition (64-bit), and SAP SD Standard Application Benchmark, SAP R/3 Enterprise 4.70 (64-bit).

This result was certified on June 27, 2005. Results referenced are current as of July 27, 2005.

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 2005029). Details can be obtained from IBM and SAP. The benchmark was performed at Beaverton, Oregon, USA, by IBM engineers.

(2) HP ProLiant DL385, 2-way SMP, AMD Opteron Model 252 2.6GHz with 1MB 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 2005008.

(3) HP ProLiant DL360 G4, 2-way SMP, Intel Xeon 3.6GHz with 2MB 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 2005034.