

SPARC Enterprise Servers Outperform the Competition

Two-tier SAP SD Standard Application Benchmark --The SPARC Enterprise M9000 server (32 processors, 128 cores, 256 threads), delivered a new world record result on the two-tier SAP® Sales and Distribution (SD) Standard Application Benchmark with 17,430 SAP SD Benchmark users for all systems running the SAP enhancement package 4 for the SAP ERP 6.0 application (Unicode)(1). This achievement complements the SPARC Enterprise M9000 server's standing world record result on the two-tier SAP SD Standard Application Benchmark with SAP ERP 6.0 and is the first published Unicode result on an enterprise-class system(2). Competitors, including IBM, have not published two-tier SAP SD Unicode benchmark results on their enterprise-class systems, making the SPARC Enterprise M9000 server, Oracle Database and Solaris 10 OS used in the new benchmark an extremely attractive solution for customers seeking unparalleled scalability and unmatched application performance.

The SAP SD Standard Application Benchmark represents the critical tasks performed in real-world ERP business environments and demonstrates the performance of systems running order- and invoice-processing workloads. This result highlights the SPARC Enterprise M9000 server's performance leadership at the high-end of the two-tier SAP SD Standard Application Benchmark and underscores the optimal performance of SAP ERP running on SPARC64 systems with the Solaris OS regardless of the encoding methodology used in the application.

Oracle PeopleSoft Enterprise Payroll 9.0 -- The SPARC Enterprise M4000 server, equipped with four SPARC 64 VII 2.53 GHz processors, achieved world record performance on this popular HCM application benchmark. The PeopleSoft Enterprise 9.0 Payroll (North America) benchmark represents typical OLTP workloads for a large organization processing employee payroll. The application calculates gross to net earnings, deductions and taxes, and is fully integrated with other Oracle PeopleSoft Enterprise products, allowing for coordination of a wide range of salary, reward, and expense payments. The SPARC Enterprise M4000 server processed 250,000 employee payroll checks using Oracle Database 11g running on the Solaris 10 OS.

SPEC CPU2006 -- The SPARC Enterprise M9000 server, equipped with 64 SPARC64 VII 2.88 GHz processors, posted the best single system UNIX(R) result on the SPECint_rate_base2006 benchmark, beating the best published IBM POWER6 UNIX result by 32 percent. SPEC CPU2006 is a CPU-intensive benchmark suite, stressing a system's processor, memory subsystem and compiler with two sets of benchmarks -- one set measures integer-intensive performance and the other set measures compute-intensive floating point performance. Running the Solaris 10 OS and Sun(TM) Studio 12 Update 1 software, the new top-of-the-line SPARC Enterprise M9000 server also holds the single system UNIX record on the SPECfp_rate_base2006 benchmark and outscored the top-of-the-line 5.0GHz POWER6-based IBM Power 595 server(3).

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(1) Two-tier SAP SD Standard Application Benchmark results as of Oct. 10, 2009:

SPARC Enterprise M9000 (32 processors / 128 cores / 256 threads SPARC64 VII), Solaris 10, Oracle 10g and SAP enhancement package 4 for SAP ERP 6.0 (Unicode) results: 17,430 SAP SD Benchmark users, SAP certification number 2009038.

(2) Two-tier SAP SD Standard Application Benchmark result on SPARC Enterprise M9000 (64 processors / 256 cores / 512 threads SPARC64 VII 2.52 GHz) running Solaris 10, Oracle 10g, SAP ERP 6.0 results: 39,100 SAP SD Benchmark users, Cert# 2008042.

(3) SPEC and the benchmark names SPECint and SPECfp are registered trademarks of the Standard Performance Evaluation Corporation. Results from this announcement and www.spec.org, as of 10/10/09. SPARC Enterprise M9000: SPECint_rate_base2006 – 2,400; SPECfp_rate_base2006-1,930. IBM Power 595: SPECint_rate_base2006 – 1,820, SPECfp_rate_base2006 – 1,820.