

IBM posts SPECjEnterprise2010 score for BladeCenter HS22

HS22 delivers leadership 2-processor, single-node result for SPECjEnterprise2010™

April 27, 2010 ... IBM® has published a leadership 2-processor, single-node result for the new SPECjEnterprise2010 benchmark—2,752.06 Enterprise jAppServer Operations Per Second (SPECjEnterprise2010 EjOPS).

This score was achieved using the IBM BladeCenter® HS22 as the application server running IBM WebSphere® Application Server V7 as the middle tier and the IBM System x®3850 X5 as the database server running IBM DB2® 9.7 Enterprise Server. With this SPECjEnterprise2010 result, IBM demonstrates its ability not only to provide both software and hardware for an optimal solution in the middle tier and in the backend database layer, but also to deliver a robust solution for clients' complex workloads.

The benchmarked configuration consisted of an IBM BladeCenter HS22 server, which was configured with the Intel® Xeon® Processor X5670 (2.93GHz, 256KB L2 cache per core, 12MB L3 cache per processor—12 cores/2 chips/6 cores per chip) and 24GB of memory, and ran WebSphere Application Server V7, IBM J9 Java™6 Runtime Environment, and Novell SUSE Linux® Enterprise Server 10 SP3. An IBM System x3850 X5 system was used as the database server, which used two 8-core Intel Xeon X7560 processors (2.26GHz, 24MB L3 cache per processor—16 cores/2 chips/8 cores per chip) and ran IBM DB2 9.7 Enterprise Server and Novell SUSE Linux Enterprise Server 10 SP3. (1)

The IBM BladeCenter HS22 offers excellent performance balanced with flexible configuration options and simple management in an efficient server designed to run a broad range of workloads, including infrastructure, virtualization, and enterprise applications. An extensive choice of processors, memory, internal storage, and I/O options allows flexible configurations.

The SPECjEnterprise2010 benchmark is a full system benchmark that allows performance measurement and characterization of Java EE 5 and supporting infrastructure such as JVM, database, processors, disk and servers. The benchmark workload emulates an automobile dealership, manufacturing, supply chain management (SCM) and order/inventory system. The performance metric is Enterprise jAppServer Operations Per Second (SPECjEnterprise2010 EJOPS), which is calculated by adding the metrics of the dealership management application in the dealer domain and the manufacturing application in the manufacturing domain. For a complete description of the benchmark, go to <http://www.spec.org/jEnterprise2010/>.

Result referenced is current as of April 27, 2010. View all published results at: <http://www.spec.org/jEnterprise2010/results/jEnterprise2010.html>

(1) The HS22 model using the Intel Xeon X5670 processor is generally available. The system as configured for the benchmark will be available May 31, 2010.

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