IBM posts SPECjbb2005 benchmark scores for BladeCenter HS22V server

March 23, 2010 ... IBM® has published a SPECjbb®2005 benchmark score for the IBM BladeCenter® HS22V server, using IBM J9 Java™6 Runtime Environment. The HS22V achieved a score of 875,369 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 145,895 SPECjbb2005 bops/JVM (total of six JVMs), running SPECjbb2005 (Java Business Benchmark). This score is competitive for a 2-socket blade server using the Intel® Xeon® Processor X5670. SPECjbb2005 is the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The HS22V was configured with the Intel Xeon Processor X5670 (2.93GHz with 256KB L2 cache per core and 12MB L3 cache per processor—2 chips/12 cores/6 cores per chip), 24GB of memory, one 50GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The IBM BladeCenter HS22V is a high-density blade that offers outstanding performance for virtualization with new levels of memory capacity and processor performance. The HS22V blade is optimized for virtualization with 18 DIMM slots supporting up to 144GB of DDR3 memory for more and larger virtual machines per blade. The HS22V is powered by the latest Intel Xeon 5600 and 5500 Series processors.

Results referenced are current as of March 23, 2010. The SPECjbb2005 results have been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org. View current SPECjbb2005 results at http://www.spec.org/jbb2005/results.

(1) The HS22V model using the Intel Xeon X5670 processor is planned to be generally available March 31, 2010. The HS22V as configured for this benchmark will be available June 16, 2010.

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