IBM posts SPECjbb2005 benchmark scores for BladeCenter HS23 blade server

March 6, 2012 ... IBM® today announces a SPECjbb®2005 benchmark score for the IBM BladeCenter® HS23 server, using IBM J9 Java™7 Runtime Environment. The HS23 achieved a score of 1,498,606 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 187,326 SPECjbb2005 bops/JVM (total of six JVMs). SPECjbb2005 (Java Business Benchmark) is used for evaluating the performance of servers running typical Java applications.

The HS23 blade's score is competitive for a 2-socket blade server using the Intel® Xeon® Processor E5-2680 (2.7GHz with 20MB L3 cache per processor—2 chips/16 cores/8 cores per chip). The HS23 was configured with 128GB of memory, one 300GB disk drive, IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition SP1. (1)

Do more in the datacenter you own today with the IBM BladeCenter HS23. This efficient server provides solutions for your datacenter needs by offering outstanding performance balanced with flexible configuration options and simple management. The IBM BladeCenter HS23 is designed to run a broad range of workloads, including cloud computing, virtualization, infrastructure and enterprise applications. With integrated 10GbE Virtual Fabric, the BladeCenter HS23 allows for flexible networking, providing you the ability to run multiple I/O protocols (FCoE and iSCSI) with no rip and replace, resulting in significant costs savings. Sixteen DIMM slots supporting up to 256GB of DDR3 memory and 1600MHz memory allow you to fit more and larger virtual machines per blade. In addition, the HS23 is backward-compatible with all BladeCenter chassis. These features, combined with the Intel Xeon Processor E5-2600 product family, allow you to do more now while protecting your investment in the future as your business grows.

Results referenced are current as of March 6, 2012. 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 HS23 model using the Intel Xeon Processor E5-2680 is planned to be generally available March 16, 2012. The HS23 as configured for this benchmark will be available March 16, 2012.