IBM posts SPECjbb2005 benchmark scores for IBM System x3650 M4 HD server

IBM System x3650 M4 HD delivers competitive 2-processor performance for Java-based applications

September 10, 2013 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x3650 M4 HD server. SPECjbb2005 is a Java Business Benchmark and is the SPEC® benchmark used for evaluating the performance of servers running typical Java applications

The x3650 M4 HD, using IBM J9 Java™7 Runtime Environment, achieved the following scores:

- 2,080,737 SPECjbb2005 business operations per second (SPECjbb2005 bops)
- 173,395 SPECjbb2005 bops/JVM (total of 12 JVMs)

The x3650 M4 HD was configured with the Intel® Xeon® Processor E5-2697 v2 (2.7 GHz with 30 MB L3 cache per processor—2 chips/24 cores/12 cores per chip), 256 GB of memory, and IBM J9 Java 7 (using a 1875 MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition Service Pack 1. (1)

The IBM System x3650 M4 HD is a 2U 2-socket high-density storage rack-optimized server, featuring high-spindle hard disk drives (up to 32 drives with flexible configuration options) and an integrated on-board 12Gbps RAID controller. With an innovative, energy-efficient design that delivers an optimal balance of performance, uptime, and dense storage, the x3650 M4 HD offers excellent reliability, availability, and serviceability (RAS), plus IBM Features on Demand, for an improved business environment. Designed for easy deployment, integration, and management, the System x3650 M4 HD is ideal for data-intensive analytics, cloud computing deployments, data management, and business-critical workloads.

Results referenced are current as of September 10, 2013. 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 x3650 M4 HD model using the Intel Xeon Processor E5-2697 v2 is planned to be generally available November 29, 2013. The x3650 M4 HD as configured for this benchmark will be available December 9, 2013.

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