IBM posts SPECjbb2005 benchmark scores for the IBM System x3500 M4 server

IBM System x3500 M4 delivers competitive 2-processor performance for Java-based applications

September 10, 2013 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x® 3500 M4 server. SPECjbb2005 is a Java Business Benchmark and is the SPEC® benchmark used for evaluating the performance of servers running typical Java applications

The x3500 M4, using IBM J9 Java™7 Runtime Environment, achieved the following scores:

- 2,085,977 SPECjbb2005 business operations per second (SPECjbb2005 bops)
- 173,831 SPECjbb2005 bops/JVM (total of 12 JVMs)

The x3500 M4 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 x3500 M4 is a versatile all-in-one dual-socket server that fits desk-side or in a rack enclosure. Designed for business critical applications, including analytics, cloud computing, SAP, and data management, it delivers the best blend of power, manageability, expandability and serviceability. The x3500 M4 can also be used as a retail store controller at a branch office, a distributed file/print server, or an all-in-one server for a remote office or business. It meets the requirements of server applications in the small-to-mainstream businesses that need an affordable, general-purpose server.

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 x3500 M4 model using the Intel Xeon Processor E5-2697 v2 is planned to be generally available November 29, 2013. The x3500 M4 as configured for this benchmark will be available December 9, 2013.