IBM posts SPECjbb2005 benchmark scores for x3650 M4 server

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

March 6, 2012 ... IBM® today announces SPECjbb®2005 benchmark results for the IBM System x® 3650 M4 server. The x3650 M4, using IBM J9 Java™7 Runtime Environment, achieved a score of 1,578,448 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 197,306 SPECjbb2005 bops/JVM (total of eight JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3650 M4 was configured with the Intel® Xeon® Processor E5-2690 (2.9GHz with 20MB L3 cache per processor—2 chips/16 cores/8 cores per chip), 128GB of memory, one 200GB disk drive, and IBM J9 Java 7 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise Edition SP1. (1)

The IBM System x3650 M4 is the IBM flagship, two-socket, 2U rack server optimized for performance and uptime for business-critical applications and cloud deployments. The flexible x3650 M4 features the following:
- Intel Xeon processors with up to 8 cores and up to 768GB of memory capacity for virtualization and other memory-intensive solutions.
- Optional slotless 10GbE NIC with IBM Virtual Fabric that delivers high performance for bandwidth-heavy workloads.
- Available with the IBM exclusive high-performance solid state drive technology.

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 x3650 M4 model using the Intel Xeon Processor E5-2690 is planned to be generally available March 16, 2012. The x3650 M4 as configured for this benchmark will be available March 16, 2012.