IBM posts SPECjbb2005 benchmark scores for x3400 M3 server

x3400 M3 delivers solid performance for Java-based applications

March 23, 2010 ... IBM® has published SPECjbb®2005 benchmark results for the IBM System x® 3400 M3 server. The x3400 M3, using IBM J9 Java™6 Runtime Environment, achieved a score of 877,231 SPECjbb2005 business operations per second (SPECjbb2005 bops) and 146,205 SPECjbb2005 bops/JVM (total of six JVMs), running SPECjbb2005 (Java Business Benchmark), the SPEC® benchmark used for evaluating the performance of servers running typical Java applications.

The x3400 M3 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 73GB disk drive, and IBM J9 Java 6 (using a 1875MB heap), and Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition. (1)

The System x3400 M3 servers are self-contained, high-performance, 5U tower systems designed for Web and business server applications in remote or distributed environments. These servers are highly scalable in configuration, performance, and availability. These flexible tower models deliver the best blend of power, manageability, expandability, and serviceability. They meet the requirements of server applications in the small-to-mainstream businesses that need an affordable general-purpose network server. These servers fit into business environments where tower configurations are required.

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 x3400 M3 using the Intel Xeon Processor X5670 is planned to be generally available March 31, 2010. The x3400 M3 as configured for this benchmark will be available June 16, 2010.