IBM posts SPECpower_ssj2008 score for x3500 M4

x3500 M4 demonstrates excellent performance and power efficiency

March 6, 2012 ... IBM® today announces a SPECpower® benchmark result for the IBM System x® 3500 M4 server. Demonstrating exceptional performance per watt, the x3500 M4 server achieved a Performance to Power Ratio of 4,708 overall ssj_ops/watt on the SPECpower_ssj®2008 benchmark.

Using the new Intel® Xeon® Processor E5-2680, the x3500 M4 has demonstrated that it can deliver outstanding performance and reduce energy consumption.

The x3500 M4 was configured with the Intel Xeon Processor E5-2680 (2.7GHz, 20MB L3 cache per processor—16 cores/2 chips/8 cores per chip) and 16GB of memory and ran IBM J9 Java™7 Runtime Environment and Microsoft® Windows® Server 2008 R2 Enterprise Edition SP1. (1)

The IBM System x3500 M4 is an all-in-one business solution in a flexible, high-performance, dual-socket tower server designed to meet the needs of growing business and distributed environments. The x3500 M4 servers are highly scalable in configuration, performance, and availability and feature 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 10GbE with IBM Virtual Fabric that delivers high performance for bandwidth-heavy workloads.
- Flexible, pay-as-you-grow design for reduced cost.

Result referenced is current as of March 6, 2012, and has been submitted to SPEC® for review. Upon successful review, the result will be posted at www.spec.org. View all published results at http://www.spec.org/power_ssj2008/results/power_ssj2008.html.

(1) The x3500 M4 model using the Intel Xeon Processor E5-2680 is planned to be generally available March 16, 2012. The x3500 M4 as configured for this benchmark will be available March 16, 2012.