

## **IBM BladeCenter HS22 delivers leadership throughput and latency with Thomson Reuters Market Data System v6.3**

February 26, 2010 ... IBM® has announced benchmark results for the Thomson Reuters Market Data System v6.3. The purpose was to measure the performance of the IBM BladeCenter® HS22 server running Reuters Market Data System v6.3.

The goal of the RMDS benchmark is to measure performance for a particular hardware and software platform—in this case, the IBM BladeCenter® HS22 with a Chelsio 10GbE, TCP/IP Offload Engine (TOE) enabled and running RMDS v6.3 and Red Hat Linux® Server 5.3. The tests measured throughput and latency through RMDS v6.3 infrastructure components, specifically the Point-to-Point Server (P2PS) and Source Distributor.

The test results demonstrate that this hardware and software platform can enable financial services firms to process 1.6 million market data updates per second, while maintaining a latency of less than 1 millisecond and P2PS (producer 50/50) throughput of 4.5 million updates per second, allowing faster decision making with an infrastructure that can respond quickly to changing market conditions and events in real time.

The measured configuration used the IBM BladeCenter H chassis, which contained five HS22 blades. Each blade was configured with two Quad-Core Intel® Xeon® X5570 2.93GHz processors, 24GB of memory, one 143GB drive, two integrated Broadcom 1GbE controllers and one dual-port Chelsio 10GbE Mezzanine Expansion adapter (TOE-enabled).

See the report for a more detailed description of the configuration and the benchmark methodology:  
[ftp://ftp.software.ibm.com/eserver/benchmarks/IBM\\_BladeCenter\\_HS22\\_RMDS6\\_3Result\\_Chelsio\\_120109.pdf](ftp://ftp.software.ibm.com/eserver/benchmarks/IBM_BladeCenter_HS22_RMDS6_3Result_Chelsio_120109.pdf)

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