

IBM BladeCenter HS22 delivers more than one million financial data updates per second with Reuter's Market Data System v6.3

October 6, 2009 ... 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 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 1.3 million market data updates per second, while maintaining a latency of less than 1 millisecond, 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 Intel 10GbE XF SR dual-port adapter.

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_091409.pdf

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