

IBM publishes leadership 4-processor, 32-core result on VMware's VMmark virtualization benchmark

IBM® System x® 3850 X5 delivers leading 4-socket and 32-core result for VMware® VMmark™ version 1.1.1 benchmark

March 30, 2010 ... IBM has independently published a new VMware VMmark result, which was achieved using the IBM System x3850 X5 and VMware ESXi 4.0 build 240223. The result is the leading 4-socket and 32-core VMmark score achieved to date for systems configured with the Intel® Xeon® X7560 processor. (1)

The x3850 X5 server delivered 71.85 @ 49 Tiles — the highest 4-socket and 32-core result to date for systems configured with the Intel Xeon X7560 processor. The x3850 X5 was configured with the Intel Xeon Processor X7560 at 2.26GHz (4 Sockets/8 Cores per Socket/32 Cores Total) and 384GB of memory (32 x 8GB 4Rx8 2Gbit PC3-8500 DDR3 1066 LP RDIMM and 32 x 4GB 4Rx8 1Gbit PC3-8500 DDR3 1066 LP RDIMM).

The x3850 X5 server leverages eX5, the fifth-generation IBM Enterprise X-Architecture®, to deliver innovation with enhanced reliability and availability features to enable optimal performance for databases, enterprise applications, and virtualized environments. The x3850 X5 is a versatile 4-socket, 4U rack-optimized scalable enterprise server that supports up to 1TB of memory. In addition to higher levels of function than its predecessors, the x3850 X5 offers up to 8-socket (64-core) SMP operations with powerful 4-, 6-, and 8-core Intel Xeon MP processors and up to 3TB of system memory in an 8-socket (64-core) complex. This system is ideal for clients who require additional SMP capability or greater scalability for future growth.

VMmark is a free tool that hardware vendors, virtualization software vendors and other organizations can use to measure the performance and scalability of applications running in virtualized environments. VMware developed VMmark as a standard methodology for comparing virtualized systems.

Results referenced are current as of March 30, 2010. The x3850 X5 VMmark disclosure report is available at: ftp://ftp.software.ibm.com/eserver/benchmarks/IBM_x3850X5_VMmark_Independent_Publication_033010.pdf

Information about the VMmark benchmark and a complete list of results are available at: <http://vmware.com/products/vmmark/results.html>

(1) The x3850 X5 server is planned to be generally available March 31, 2010. The system as configured for the benchmark is planned to be generally available June 28, 2010.

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