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.