

IBM publishes leadership 4-processor score for SPECvirt_sc2010 benchmark

IBM System x3850 X5 demonstrates leadership performance for virtualization applications with overall highest SPECvirt score achieved with VMware ESX Server

February 23, 2011 ... IBM® continues to demonstrate leadership performance on the SPECvirt_sc™2010 benchmark with the publication of the overall highest score achieved on VMware® ESX Server. The IBM System x® 3850 X5 server delivered an overall performance score of SPECvirt_sc2010 2,742 @ 168 VMs. SPECvirt_sc2010 is the first-generation SPEC® benchmark for evaluating the virtualization performance of datacenter server consolidation.

The x3850 X5 was configured with the Intel® Xeon® Processor X7560 (2.26GHz with 24MB L3 cache per processor—4 chips/32 cores/8 cores per chip), 1TB of memory, two hundred twenty-six (226) 73GB disk drives. The x3850 X5 ran VMware ESX Server 4.1, and the ESX Server's VMKernel-based hypervisor. (1)

The IBM System x3850 X5 server leverages fifth-generation IBM Enterprise X-Architecture®, delivering 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. With 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, with the addition of IBM MAX5 memory expansion, up to 1.5TB of system memory in a 4-socket (32-core) complex. This system is ideal for clients who require additional SMP capability or greater scalability for future growth.

Result referenced is current as of February 23, 2011. This SPECvirt_sc2010 result has been accepted by SPEC and is posted at http://www.spec.org/virt_sc2010/results/. View all results for SPEC benchmarks at <http://www.spec.org>.

(1) The IBM System x3850 X5 model as configured for this benchmark is generally available.

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