IBM publishes world-record 32-core result on VMware's VMmark virtualization benchmark

IBM® System x™3950 M2 delivers 8-processor 32-core result for VMware® VMmark™v1.1 benchmark

October 3, 2008 ... IBM has published a new VMware VMmark result, which was achieved using the IBM System x3950 M2 and VMware ESX Server 3.5 Update 2. The result is the overall industry-leading and leading 32-core VMmark score achieved to date.

The x3950 M2 server delivered 24.62 @ 18 Tiles—the highest 32-core result to date. The x3950 M2 was configured with the Intel® Xeon® X7350 at 2.93GHz (8 Sockets/4 Cores per Socket/32 Cores Total) and 128GB of PC2-5300 DDR II memory DIMMs (sixty-four 2GB memory DIMMs).

The x3950 M2 achieved 12.5 percent higher virtualization performance and also supported 12.5 percent more VMmark VMs than the HP ProLiant DL785. HP published a score of 21.88 @ 16 Tiles on a ProLiant DL785 G5 server configured with the AMD Opteron 8360 SE at 2.50GHz (8 Sockets/4 Cores per Socket/32 Cores Total) and 128GB of PC2-5300 DDR II memory DIMMs (thirty-two 4GB memory DIMMs). (1)

The x3950 M2 is based on the fourth generation of IBM Enterprise X-Architecture®, and is designed to deliver innovation with enhanced reliability and availability features that enable optimal performance for databases, enterprise applications and virtualized environments.

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 October 3, 2008. For information about the VMmark benchmark and a complete list of results, go to http://vmware.com/products/vmmark/results.html.

(1) HP ProLiant DL785 G5, VMware ESX v3.5 Update 1, AMD Opteron 8360 SE at 2.50GHz (8 Sockets/4 Cores per Socket/32 Cores Total) and 128GB – 21.88 @ 16 Tiles.