

## **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.

IBM, System x and X-Architecture are trademarks or registered trademarks of International Business Machines Corporation.

AMD and Opteron are trademarks of Advanced Micro Devices, Inc.

Intel and Xeon are trademarks or registered trademarks of Intel Corporation.

VMware is a registered trademark and VMmark is a trademark of VMware, Inc. VMware VMmark is a product of VMware, an EMC Company. VMmark utilizes SPECjbb©2005 and SPECweb©2005, which are available from the Standard Performance Evaluation Corporation (SPEC).

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.