## IBM posts score for SPECvirt_sc2010 benchmark for HS22V blade server

*BladeCenter HS22V delivers leadership performance for a 2-processor blade server running virtualization applications*

February 23, 2011 ... IBM® today announces a SPECvirt_sc™2010 benchmark result for the IBM BladeCenter® HS22V blade server. The HS22V achieved an overall performance score of SPECvirt_sc2010 1,367 @ 84 VMs. SPECvirt_sc2010 is the first-generation SPEC® benchmark for evaluating the virtualization performance of datacenter server consolidation.

The HS22V's result—the first published for a blade server—beats the 2-processor score of SPECvirt_sc2010 1,221 @ 78 VMs achieved by the HP ProLiant DL380 G7. (1)
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The HS22V was configured with the Intel® Xeon® Processor X5690 (3.46GHz with 256KB L2 cache per core and 12MB L3 cache per processor—2 chips/12 cores/6 cores per chip), 288GB of memory, two 50GB disk drives, and Red Hat Enterprise Linux® 6.0, and Kernel-based Virtual Machine (KVM) hypervisor. (2)

Powered by the latest Intel Xeon 5600 series processors, the IBM BladeCenter HS22V is a high-density blade that offers outstanding performance for virtualization with new levels of memory capacity and processor performance. The HS22V blade is optimized for virtualization with 18 DIMM slots supporting up to 288GB of DDR3 memory for more and larger virtual machines per blade.

Results referenced are 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) HP ProLiant DL380 G7, Intel Xeon Processor X5680 (2 chips/12 cores/6 cores per chip), 196608 MB (12 x 16GB 2Rx4 PC3L-10600R at 1333 MHz) memory, Red Hat Enterprise Server 5 U5 64-bit and VMware® ESX 4.1; results published October 2010 at http://www.spec.org/virt_sc2010/results/.

(2) The HS22V model as configured for this benchmark is generally available.