IBM publishes leadership virtualization benchmark result with x3650 M4 using Samsung's high performance Green DDR3 32GB Memory Technology

IBM System x3650 M4 demonstrates leadership performance for virtualization applications using the latest generation of Intel processors and Samsung 32GB LR-DIMM technology

September 10, 2013 ... IBM® delivers leadership performance on the SPECvirt_sc2013 benchmark with the publication of the overall highest score ever achieved by a system using 2 processors. The IBM System x3650 M4 delivered the following overall performance score of SPECvirt_sc2013:

- 947.0 @ 53 VMs

SPECvirt_sc2013 is the second-generation SPEC® benchmark for evaluating the virtualization performance of datacenter server consolidation including enterprise class workloads.

The IBM System x3650 M4 server was configured with the new generation Intel® Xeon® Processor E5-2697 v2 (2.7 GHz with 30 MB L3 cache per processor—2 chips/24 cores/12 cores per chip), 512 GB of memory, and IBM Storwize V7000 configured with 12 200GB SSDs. The operating system was Red Hat Enterprise Linux® 6.4 and Kernel-based Virtual Machine (KVM) hypervisor.

The IBM System x3650 M4 is a flagship, two-socket, 2U rack server, designed for maximum performance and uptime for business-critical applications, virtualized datacenter, and cloud deployments. The x3650 M4 features an energy-smart design with powerful high-performance Intel Xeon processors up to 12-cores each, a large capacity of high-performing memory, innovative storage and connectivity options, and superior management features. Up to any IT challenge, the versatile x3650 M4 blends the ultimate in performance, uptime, and I/O flexibility with rock-solid reliability.

Results referenced are current as of September 10th, 2013. To view all SPECvirt_sc2013 performance results visit the SPEC results page at
http://www.spec.org/virt_sc2013/results/specvirt_sc2013_perf.html