

## **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](http://www.spec.org/virt_sc2013/results/specvirt_sc2013_perf.html)