

IBM publishes world record virtualization benchmark with the IBM Flex System x480 X6 Compute Node

IBM Flex System x480 X6 Compute Node demonstrates leadership performance for virtualization applications

June 11, 2014 ... IBM® delivers record breaking performance on the SPECvirt_sc2013 benchmark with the publication of the overall highest score ever achieved.

The IBM Flex System x480 X6 Compute Node delivered the following overall performance score of SPECvirt_sc2013:

- 2082 @ 116 VMs

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

The IBM Flex System x480 X6 Compute Node was configured with the Intel® Xeon® Processor E7-4890 v2 (2.8 GHz with 37.5 MB L3 cache per processor: 4 chips/60 cores/15 cores per chip), 1 TB of memory, and IBM Flex System V7000 Storage Node configured with 24 200GB SSDs. The x480 X6 Compute Node operating system was Red Hat Enterprise Linux® 6.5 and Kernel-based Virtual Machine (KVM) hypervisor. Additionally, the x480 X6 Compute Node server used the IBM Flex System FC5172 2-port 16Gb FC Adapter, based on the proven QLogic ASIC design to achieve leadership performance.

The IBM Flex System x480 X6 Compute Node offers leadership performance for virtualization with new levels of processor performance and memory capacity, and flexible configuration options. The IBM Flex System x480 X6 Compute Node is Fast, Agile and Resilient to enable businesses to improve IT efficiency, speed critical business insight and maximize application uptime. The IBM Flex System x480 X6 is optimized for workloads that require larger virtual machines and mission critical workloads that require more compute power and memory capacity per virtual machine.

Results referenced are current as of June 11, 2014. To view all SPECvirt_sc2013 performance results visit the SPEC results page at

http://www.spec.org/virt_sc2013/results/specvirt_sc2013_perf.html

View the full result at http://www.spec.org/virt_sc2013/results/res2014q2/virt_sc2013-20140528-00011-perf.html