

## **IBM publishes leadership virtualization benchmark with Flex System x240 Compute Node**

*IBM Flex System x240 Compute Node demonstrates leadership performance for virtualization applications*

November 27, 2013 ... IBM® delivers leadership performance on the SPECvirt\_sc2013 benchmark with the publication of the overall highest score ever achieved by a blade server.

The Flex System x240 Compute Node delivered the following overall performance score of SPECvirt\_sc2013:

- 935.2 @ 53 VMs

SPECvirt\_sc2013 is the second-generation SPEC® benchmark for evaluating the virtualization performance of datacenter server consolidation including enterprise class workloads.

The Flex System x240 Compute Node was configured with the Intel® Xeon® Processor E5-2697 v2 (2.7GHz with 30 MB L3 cache per processor—2 chips/24 cores/12 cores per chip), 512 GB of memory, and IBM Flex System V7000 Storage Node configured with 24 200GB SSDs. The x240 Compute Node operating system was Red Hat Enterprise Linux® 6.4 and Kernel-based Virtual Machine (KVM) hypervisor. Additionally, the x240 Compute Node server used converged fabric (FCoE) to achieve the leadership performance.

The IBM Flex System x240 Compute Node offers leadership performance for virtualization with new levels of processor performance and memory capacity, and flexible configuration options. It is part of IBM PureFlex System, a new category of computing that integrates a choice of IBM compute architectures (POWER or System x), networking, storage and system management capability into a single system that is easy to deploy and manage. IBM PureFlex System has full "built-in" virtualization support of compute, storage, and networking to speed provisioning and increase resiliency. In addition, it supports open industry standards, such as operating systems, networking and storage fabrics, virtualization, and system management protocols, to easily fit within existing and future data center environments. IBM PureFlex System is scalable and extendable with multi-generation upgrades to protect and maximize IT investments.

Results referenced are current as of November 27, 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)

View the full result at [http://www.spec.org/virt\\_sc2013/results/res2013q4/virt\\_sc2013-20131112-00006-perf.html](http://www.spec.org/virt_sc2013/results/res2013q4/virt_sc2013-20131112-00006-perf.html)