PERFORMANCE BENCHMARK RESULT

Lenovo publishes leadership virtualization benchmark result with System x3850 X6

Lenovo System x3850 X6 demonstrates leadership enterprise class performance for virtualization environments with #1 SPECvirt_sc2013 result.

May 5, 2015 … Lenovo® delivers leadership server consolidation performance on the SPECvirt_sc2013 virtualization benchmark with the publication of the leadership 4-socket SPECvirt_sc2013 score.

The Lenovo System x3850 X6 delivered the following overall SPECvirt_sc2013 performance score:

- 2655 @ 147 VMs

SPECvirt_sc2013® is the second-generation SPEC® benchmark for evaluating the virtualization performance of datacenter server consolidation, including enterprise class workloads such as virtualized SMP application server VMs and SMP database VMs, as well as dynamic workload levels across many workload types and VM instances.

The Lenovo System x3850 X6 server was configured with the new generation Intel® Xeon® Processor E7-8890 v3 (2.5 GHz with 45 MB L3 cache per processor—4 chips/72 cores/18 cores per chip), 2048 GB (2 TB) of TruDDR4 memory, and four Intel X520 Dual Port 10GbE SFP+ Ethernet adapters The operating system was Red Hat Enterprise Linux® 6.6 and Kernel-based Virtual Machine (KVM) hypervisor.

The Lenovo System x3850 X6 is an 4-socket server, designed for maximum performance and uptime for business-critical applications and cloud deployments. The X6 solution provides a powerful platform for mission-critical applications. Integrating hardware, software and memory advancements, the X6 enterprise servers are designed to be fast, agile and resilient.

With system support for up to 72 CPU cores, 6 TB of system memory, and greater than 100 TB of flash storage, the x3850 X6 is designed to deliver leadership performance and scalability to power traditional databases as well as new in memory database and analytic solutions. The scalable design enables customers to virtualize both high performance databases and applications on the same server to deliver leadership solution performance.

X6 platforms, with a history of over 15 years of EXA investment and innovation, are designed to help reduce overall enterprise solution cost while delivering breakthrough performance and availability.

Results referenced are current as of May 5th, 2015. Result summary available at
http://www.spec.org/virt_sc2013/results/res2015q2/virt_sc2013-20150430-00025-perf.html

To view all SPECvirt_sc2013 performance results visit the SPEC results page at
http://www.spec.org/virt_sc2013/results/specvirt_sc2013_perf.html

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About Lenovo

Lenovo (HKSE: 992) (ADR: LNVGY) is a $39 billion global Fortune 500 company and a leader in providing innovative consumer, commercial, and enterprise technology. Its portfolio of high-quality, secure products and services covers PCs (including the well-known Think and multimode YOGA brands), workstations, servers, storage, smart TVs and a family of mobile products like smartphones (including the Motorola brand), tablets and apps. Join us on LinkedIn, follow us on Facebook or Twitter (@Lenovo) or visit us at www.lenovo.com.