

IBM posts 32-cores result on Windows on two-tier SAP SD standard application benchmark

August 07, 2012 ... IBM® today announced a new result on the two-tier SAP® Sales and Distribution (SD) standard application benchmark. The result was achieved on the IBM System, configured with four Intel® Xeon® E5-4650 processors, IBM Storwize® V7000 disk system, and running IBM DB2® and SAP enhancement package 5 for the SAP ERP application Release 6.0.

The IBM Flex System x440 server and DB2 9.7 achieved 12,600 SAP SD benchmark users with 0.86 seconds average dialog response time, 69,630 SAPS, measured throughput of 4,178,000 dialog steps per hour (or 1,392,670 fully business processed line items per hour), and an average CPU utilization of 99% for the central server. (1)

The IBM Flex System x440 server was configured with four Intel Xeon E5-4650 processors at 2.7GHz with 20MB L3 cache per processor (4 processors/32 cores/64 threads), 256GB of memory, 64-bit DB2 9.7, Microsoft® Windows® Server 2008 R2 Enterprise x64 Edition, and SAP enhancement package 5 for SAP ERP 6.0. The server accessed the DB2 database on an IBM Storwize® V7000 disk system.

The IBM Flex System™ x440, is an Intel-processor-based server optimized for high-end virtualization, mainstream database deployments, and memory-intensive high-performance environments. 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.

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Results referenced are current as of August 7, 2012. For the latest SAP benchmark results, visit: <http://www.sap.com/benchmark>.

(1) This benchmark fully complies with the SAP Benchmark Council regulations and has been audited and certified by SAP AG (certification number 2012030). Details can be obtained from IBM and SAP. The benchmark was performed at IBM in Research Triangle Park, NC, USA, by IBM engineers.

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