

IBM achieves benchmark result on AIX 7.1 on the two-tier SAP Sales and Distribution (SD) standard application benchmark

IBM Flex System p270 Compute Node with DB2 10.5 attains 4 processor result on AIX

August 6, 2013 ... IBM® today announced a result on the two-tier SAP® Sales and Distribution (SD) standard application benchmark. The result was achieved on the IBM Flex System p270 Compute Node, configured with two IBM POWER7+ Dual Chip Modules, and running IBM DB2® 10.5 and SAP enhancement package 5 for the SAP ERP application Release 6.0.

The p270 Compute Node and DB2 10 achieved these results:

- 12,528 SAP SD benchmark users
- 0.99 seconds average dialog response time
- 68,380 SAPS
- 4,103,000 dialog steps per hour
- 1,367,670 fully business processed line items per hour
- Average CPU utilization of 99% for the central server. (1)

The p270 Compute Node is a high-performance server based on the POWER7+ processor architecture and is optimized for virtualization, performance, and efficiency. The p270 Compute Node used in this benchmark was configured with two IBM POWER7+ Dual Chip Modules (DCM). Each DCM contained two processor chips, each with six cores (24 cores total). Cores had a frequency of 3.4 GHz and each core had 10 MB of L3 cache (240 MB L3 cache total). The server had 256 GB of memory.

Results referenced are current as of August 6, 2013. The certification for this benchmark can be downloaded from:

<http://download.sap.com/download.epd?context=40E2D9D5E00EEF7C0ABB719DFDDB2D50A4D3CA0064A59BD1185C1DC4A1E2835D>

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 2013019](#)). Details can be obtained from IBM and SAP. The benchmark was performed at IBM in Beaverton OR, USA by IBM engineers.

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