

IBM @server xSeries 370 achieves record 4-node TPC-C performance, outshining Sun

April 25, 2001 ... The xSeries™ 370, in a configuration of four database servers and one distributed transaction coordinator (DTC) server, surpassed Sun Microsystems' 4-node cluster result for the TPC-C benchmark. The x370 4-node cluster achieved 136,766.67 tpmC at \$23.09/tpmC, delivering higher performance at less than one-fourth the cost per transaction; the total solution availability date is September 20, 2001.

	xSeries 370	Sun Enterprise 6500
tpmC	136,766.67	135,461.40
\$/tpmC	\$23.09	\$97.10
Availability Date	September 20, 2001	January 31, 2000

The 4-node database cluster, sponsored by IBM®, Microsoft® and Intel®, featured 32 900MHz/2MB(1) Pentium® III Xeon™ processors. Each database server node, configured with eight processors and 32GB of memory, ran Microsoft SQL Server 2000 and Windows® 2000 Datacenter Server. The configuration had nearly 7TB(2) of physical disk capacity and more than 700 disk drives. The DTC server, an xSeries 350 configured with four 700MHz/2MB Pentium III Xeon processors and 512MB of memory, ran Windows 2000 Advanced Server.

This result, published under TPC-C Version 3.5, has also been published as a TPC-C Version 5.0 upgrade result with 136,766.67 tpmC, price/performance of \$16.93/tpmC, and an availability date of September 20, 2001.

More information on the TPC-C benchmark can be found at the Transaction Processing Performance Council Web site at <http://www.tpc.org>.

- (1) MHz only measures microprocessor internal clock speed; many factors affect application performance.
- (2) When referring to hard disk capacities, terabyte means one trillion bytes. Total user-accessible capacity may be less.

Results referenced are current as of April 25, 2001.

Data on competitive products are based on publicly available information. For the most recent information, contact the manufacturer directly.

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