

xSeries and DB2 deliver best 8-way performance and price/performance on 300GB TPC-H benchmark

August 8, 2003 ... The IBM® eServer™ xSeries® 445 with IBM DB2® Universal Database 8.1 demonstrated leadership performance and price/performance for an 8-way server running the 300GB TPC-H benchmark with:

- Ninety percent higher performance than the HP ProLiant DL760 G2
- Better price/performance than the HP ProLiant DL760 G2
- Overall higher performance than the HP AlphaServer ES45 Cluster, which used 16 processors
- More than five times better price/performance than the HP AlphaServer ES45 Cluster

The x445 achieved a Composite Query-per-Hour Metric of 6,354.9 QphH@300GB and price/performance of \$69/QphH@300GB. (1)

The x445's result surpasses the HP ProLiant DL760 G2 in performance and price/performance with 90 percent higher performance than the ProLiant DL760 G2's 3,334.8 QphH@300GB and better price/performance than its \$71/QphH@300GB. (2)

Providing overall higher performance and more than five times better price/performance, the x445 also easily beat the HP AlphaServer ES45 Cluster, configured with 16 Alpha EV 68/1000 MHz processors with 8MB cache and Oracle9i, which achieved 5,976.7 QphH@300GB at \$400.05/QphH@300GB. (3)

The x445 was configured with eight 2.8GHz/2MB Intel® Xeon™ MP processors and ran DB2 UDB 8.1 Enterprise Server Edition and Microsoft® Windows® Server 2003 Enterprise Edition. The HP ProLiant DL760 G2 used eight 2.0GHz Xeon MP processors and ran Microsoft SQL Server 2000 Enterprise Edition and Microsoft Windows Server 2003 Enterprise Edition.

The TPC-H benchmark models a decision-support system for business intelligence applications.

More information on the TPC-H benchmark, along with all TPC results, can be found at the Transaction Processing Performance Council Web site at www.tpc.org.

For information about DB2 products, visit www.ibm.com/software.

Results referenced are current as of August 8, 2003.

(1) Total solution availability: February 7, 2004. The x445 is generally available.

(2) Availability: May 28, 2003.

(3) Availability: June 1, 2002.

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