

## **xSeries 440 demonstrates leadership performance for a single-node server running Oracle Applications Standard Benchmark Release 11.5.6**

July 10, 2003 ... The IBM® @server™ xSeries® 440 server has outperformed other Intel® 32-bit architecture-based servers running the Oracle® Applications Standard Benchmark Release 11.5.6.

The benchmark test was run on a single x440 server, configured with eight Intel Xeon™ MP processors at 2.0GHz with 2MB L3 cache and 32GB of memory, running SuSE Linux Enterprise Server 8. The x440 achieved 5,656 concurrent users with Oracle Applications Release 11.5.6, and Oracle9i™ Database Enterprise Edition Release 2. An IBM TotalStorage® FASTT700 Storage Server was used for database storage. (1)

The x440's result surpasses the Lenovo Legend SureServer T630, which achieved 3,528 users, using four Xeon MP processors at 2.0GHz with 2MB L3 cache and 24GB of memory, and running Red Hat Enterprise Linux AS 2.1, Oracle Applications Release 11.5.6, and Oracle9i Database Enterprise Edition Release 2.

The x440 also outperformed the HP ProLiant DL580 G2's result of 3,472 users, achieved with four Xeon MP processors at 2.0GHz with 2MB L3 cache and 32GB of memory, and ran Red Hat Enterprise Linux AS 2.1, Oracle Applications Release 11.5.6, and Oracle9i Database Enterprise Edition Release 2.

For a list of all audited and published results for this benchmark, visit [www.oracle.com/apps\\_benchmark](http://www.oracle.com/apps_benchmark).

Results referenced are current as of July 10, 2003. Comparisons are made based on the highest number of users supported on a single-node server that uses the 2.0GHz Xeon MP processor.

(1) The Oracle Applications Standard Benchmark is focused on ERP applications and represents a mixed workload intended to model the most common transactions operating on the seven most widely used enterprise application modules. Definitions of transactions that compose the benchmark load were obtained through collaboration with functional consultants and are representative of typical customer workloads, with batch transactions representing 25% of the total workload. The seven modules used by the benchmark are Oracle Financial: Payables (AP), Receivables (AR), General Ledger (GL), and Assets (FA) Supply Chain Management: Purchase Orders (PO), Order Entry (OE), and Inventory (Inv). The Oracle Applications Standard Benchmark is based on a comparable standard workload which demonstrates the performance and scalability of Oracle Applications and provides metrics for the comparison of Oracle Applications performance on different system configurations.

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The benchmark performance results for IBM systems as presented in this document were obtained in a rigorously controlled environment. The extent to which a customer can achieve similar results is highly dependent on how closely the benchmark approximates the customer's application. The relative performance of systems derived from this benchmark does not necessarily hold for other workloads or environments. Extrapolations to any other environment are not recommended.

Benchmark results are highly dependent upon workload, specific application requirements, and systems design and implementation. Relative system performance will vary as a result of these and other factors. Therefore, these benchmark results should not be for making critical capacity planning and/or product evaluation decisions for a specific customer application.