xSeries 445 posts top score for an Intel processor-based server cluster running Oracle Applications Standard Benchmark Release 11.5.6

November 24, 2003 ... The IBM® $\mathcal{E}$server® xSeries® 445 server has posted a score of 18,368 concurrent users on the Oracle® Applications Standard Benchmark Release 11.5.6. This score is the highest ever achieved by an Intel® processor-based server cluster; it is also the highest score ever achieved by a cluster running Linux.

The benchmark test was run on a 4-node cluster of x445 servers, each using eight Intel Xeon™ processors MP at 2.8GHz with 2MB L3 cache and 32GB of memory, and running Oracle 9i and SuSE Linux Enterprise Server 8.

This result demonstrates the capability of an Intel processor-based server running Oracle 9i and Linux to rehost workloads that are currently being run on Unix-based servers such as those from HP and Sun. The top Unix-based score posted to date is 21,168 concurrent users, achieved by the IBM $\mathcal{E}$server® pSeries® 655 4-node cluster.

For the complete benchmark report and a list of all audited and published results for this benchmark, visit www.oracle.com/apps_benchmark.

Results referenced are current as of November 24, 2003.

(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.