

IBM posts leadership result for Oracle E-Business Suite Applications R12 Benchmark – Payroll (Extra Large Batch) Application

IBM System x3550 M2 achieves leadership score running Oracle E-Business Suite Payroll (Extra Large Batch) Application version 12 benchmark with Oracle 10g database 64-bit (10.2.0.3)

November 10, 2009 ... The IBM® System x® 3550 M2 server **processed a payroll batch update for 286,642 employee in 1 hour (Wall Clock Duration)** (1) on the Oracle® E-Business Applications 10g eBS benchmark for Applications Release 12. This is the highest score published to date for Intel® Xeon® 5500 processor-based servers and for servers using the Red Hat Enterprise Linux® operating system.

The benchmark test was run on one x3550 M2 server, configured with two Intel Xeon X5570 processors at 2.93GHz with 256KB L2 cache per core and 8MB L3 cache per processor (2 processors/8 cores/8 threads) and 64GB of memory, and running Oracle Database 10g and Red Hat Enterprise Linux Server 5 (Update 3). This single x3550 M2 also functioned as the Oracle Forms and Apache application Web server and as the Oracle 10g database and Concurrent Manager server.

This new result builds on the established record of System x results achieved on Intel processor-based servers running Oracle E-Business Applications Benchmark (eBS), which includes Oracle10g-based OASB versions 11.5.3 (SMP), 11.5.6 (Clustered), 11.5.9 (Clustered) and iStore.

Results referenced are current as of November 10, 2009. For the complete benchmark report and a list of all audited and published results for this benchmark, visit:
http://www.oracle.com/apps_benchmark/html/results.html

(1) The “Wall Clock Duration” includes all of the job scheduling and management activity (parent process) as well as some idle intervals due to polling or waiting for all workers in a particular process to complete prior to kicking off the subsequent process. These intervals would not increase substantially, if at all, as the workload size is increased.

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.

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