

## **IBM eServer BladeCenter delivers outstanding performance for Domino Server application environments**

March 2, 2004 ... IBM® eServer® BladeCenter™ server demonstrated leadership performance running Lotus® Domino® Server Release 6.5.1 on Red Hat Linux Advanced Server 2.1. The new 4-way blade server uses the latest Intel® Xeon™ processor, the 3.0GHz Xeon Processor MP with 4MB L3 cache.

Running the NotesBench R6 iNotes-Only workload, the BladeCenter server supported 6,800 active mail users at \$23.70/user and achieved 5,681 NotesMarks (transactions per minute) at \$28.36/NotesMark. Average response time was 1.89 seconds. This is highest number of users supported by a 4-way server running the R6 iNotes workload.

The BladeCenter offerings continue to revolutionize application server deployment by increasing the high-density design points with four-way blade servers with higher-performance advanced server functions. BladeCenter supports installation of up to seven hot-swap blades within 7U of rack space. Each blade can support four Xeon MP processors for a total of 28 processors for each BladeCenter chassis. Redundant components round out the system to provide the high-availability levels needed for today's enterprise server applications.

The iNotes Web Access workload executes Notes transactions that model a server for mail users who access mail via the Web. The resulting capacity metric for a server is the maximum number of users that can be supported before the average user response time becomes unacceptable.

View the NotesBench Report for this R6 iNotes result at [www.notesbench.org](http://www.notesbench.org).

Results referenced are current as of March 2, 2004.

(1) Planned availability for the BladeCenter server with the 3.0GHz Xeon Processor MP is March 19, 2004.

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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.

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