

## **xSeries server achieves outstanding performance for e-mail environments**

February 20, 2003 ... IBM® has posted the highest number of users ever achieved on a 2-way server running the Exchange 2000 MAPI Messaging Benchmark. (1) Powered by the Intel® 2.8GHz Xeon™ processor, the IBM **@server** xSeries 235 has beaten Dell's two-way throughput score on the Exchange 2000 MAPI Messaging Benchmark -- delivering the highest score to date on a server using two processors.

The x235 supported 9,800 MMB2 (users) -- 13 percent more users than the Dell PowerEdge 4600, which achieved 8,608 MMB2.

The x235 used two 2.8GHz Xeon processors and 4GB of memory and ran Microsoft® Windows® 2000 Advanced Server. The 2.4GHz PowerEdge 4600 also used 4GB of memory and ran Microsoft Windows 2000 Advanced Server.

The Exchange 2000 MAPI Messaging Benchmark is designed to measure the maximum messaging throughput of a Microsoft Exchange Server on a particular hardware configuration.

For a complete results, visit:

[www.microsoft.com/exchange/techinfo/planning/2000/perfscal.asp](http://www.microsoft.com/exchange/techinfo/planning/2000/perfscal.asp)

Specific information about IBM and xSeries products, services and support is located at:

**ibm.com/pc/ww/eserver/xseries**

Results referenced are current as of February 20, 2003. The Exchange 2000 report has been approved and will be posted on the Microsoft Web site between February 15 and 28 in accordance with their review Cycle.

(1) The MMB2 measures throughput in terms of a specific profile of user actions, run over an 8-hour working day. This benchmark uses the "Medium User" setting of the Load Simulator MAPI tool and is meant to represent mail traffic from a typical corporate e-mail user, including common daily mail tasks such as sending, browsing, reading, and forwarding messages, in addition to scheduling tasks and using distribution lists.

Results should be interpreted as a benchmark for messaging throughput and should not be confused with deployment recommendations. Factors such as backup and restore, among others, should be considered when planning a deployment. This test measures throughput in a single server, single site topology on this hardware configuration. This can provide a benchmark for comparing hardware or software products, but cannot be used as a deployment guide for production environments.

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