

IBM posts leadership 2-way MMB3 benchmark score for Microsoft Exchange Server 2003

September 9, 2004 ... IBM® has posted a leadership 2-way score for the Microsoft® Exchange MAPI Messaging Benchmark 3 (MMB3). The IBM eServer® xSeries® 346, a 2-way, rack-optimized server, achieved an MMB3 score of 7,000. The x346 achieved this score using the Intel® Xeon™ processor at 3.6GHz with a 1MB L2 cache, 8GB of memory, and Microsoft® Windows® Server 2003 Enterprise Edition.

The x346 server's MMB3 score surpasses the MMB3 score of 6,500 achieved by the Dell PowerEdge 1850, which used two Intel Xeon 3.6GHz processors and 4GB of memory and ran Microsoft Windows Server 2003 Enterprise Edition. The x346 server's score also compares favorably with MMB3 scores achieved by HP's and Dell's 4-way servers, which achieved 7,300 and 7,200, respectively.

The x346 server delivers mission-critical performance and reliability for data-dense environments in a 2U server. New support for 64-bit extensions through Intel Extended Memory 64 Technology (EM64T) provides investment protection by supporting 32-bit and 64-bit applications, and increases performance and reliability at the operating system and application levels. Performance is also enhanced through improved front-side bus speed with dual 800MHz Intel Xeon processors; support for up to 16GB DDR2 memory, improving memory speed; and faster I/O speed with support for PCI-Express, a new standard for PCI adapters.

MAPI Messaging Benchmark 3 is the benchmarking standard for measuring the performance and scalability of computers running Exchange Server 2003. MMB3 evaluates the messaging performance of a server by measuring how it scales up when adding concurrent load that is modeled after typical corporate e-mail use. An operating environment with higher MMB3 results than another is able to hold more users per server, although the exact number is not the MMB3 score.

For a complete list of published results, visit:
www.microsoft.com/exchange/evaluation/performance/

Results referenced are current as of September 9, 2004.

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