

xSeries 346 server posts leadership 2-way score for SPECweb99_SSL benchmark

September 30, 2004 ...The IBM® eServer® xSeries® 346, using Intel® Extended Memory 64 Technology (EM64T), has raised the bar for 2-way performance on the SPECweb99_SSL benchmark. The x346 server achieved a score of 2,400 conforming simultaneous connections. This is the highest 2-way score ever achieved by an Intel Xeon™ processor-based server running the SPECweb99_SSL benchmark.

The x346 achieved this result using two 3.6GHz Intel Xeon processors, each with an 800MHz front-side bus and a 1MB L2 cache; 16GB of memory; six 73.4GB Ultra320 SCSI drives; the SUSE Linux Enterprise Server 9 (SLES9) 64-bit operating system; and Zeus V4.2r4 64-bit HTTPS software.(1)

The x346 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.

The SPECweb99_SSL result for the x346 have been submitted to SPEC for review. Upon completion of a successful review, this result will be posted at www.spec.org. For a complete list of SPECweb99_SSL results, visit www.spec.org.

Result referenced is current as of September 30, 2004.

(1) The x346 server as configured for this benchmark is planned to be generally available December 3, 2004.

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