IBM posts new 1-way score for SPECweb99_SSL benchmark

January 18, 2005 ...The new IBM® @server® xSeries® 306, using one 3.4GHz Intel® Pentium® 4 processor, has delivered a new performance score on the SPECweb99_SSL benchmark. The x306 server achieved a score of 977 conforming simultaneous connections. This score is the highest achieved to date by a single-processor x86-based system. (1)

The x306 achieved this outstanding result using one 3.4GHz Intel Pentium 4 processor with an 800MHz front-side bus and a 1MB L2 cache; 4GB of memory; the SUSE Linux Enterprise Server 9 (SLES9) 32-bit operating system; and Zeus V4.2r4 32-bit HTTPS software. (1)

xSeries 306 servers are a part of the xSeries rack-optimized server line. These uniprocessor servers are available with a 2.8, 3.0, 3.2 and 3.4GHz Pentium 4 processors with 800MHz (quad-pumped) FSB. The 3.2 and 3.4GHz processors feature EM64T technology. The systems deliver excellent server function in an ultrathin 1 U footprint. Some of the xSeries 306 servers incorporate Intel Pentium 4 processors with EM64T technology. EM64T allows customers to run Intel-compatible software in either 32- or 64-bit extension mode. EM64T enables 64-bit extensions, allowing applications to address more memory and the 800 MHz FSB speeds information access within the system. The new Intel 64-bit extensions increase productivity, performance, and reliability for applications that can take advantage of 64-bit extensions.

The SPECweb99_SSL result has been submitted to SPEC for review. Upon successful review, the result will be posted at www.spec.org, which contains a complete list of published SPECweb99_SSL results.

Result is current as of January 18, 2005.

IBM, xSeries and the eServer logo are registered trademarks of International Business Machines Corporation.
Intel and Pentium are trademarks or registered trademarks of Intel Corporation.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
SPEC and SPECweb99 are trademarks of Standard Performance Evaluation Corporation.
All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.