

## **xSeries server sets world record for 1-way performance on SPECweb99\_SSL**

May 13, 2003 ...The IBM® @server™ xSeries® 305, a uniprocessor system, has surpassed the competition in performance on the SPECweb99\_SSL benchmark, which measures the performance of Web servers, such as e-commerce servers, that experience the high volume of throughput typical of a large enterprise.

The x305 achieved a result of 1,015 conforming simultaneous connections, which is the highest 1-way score on any server architecture, even surpassing the Itanium 2-based hp server rx5670's 1-way score of 510. (1)

The x305 achieved this performance using one Intel® Pentium® 4 3.06GHz processor (2), 4GB of memory, fourteen 18.2GB Ultra160 SCSI drives, the Red Hat Linux 7.3 operating system and Zeus V4.2r2 HTTPS software. The hp server rx5670, which supports four processors, was configured with one Intel 1.0GHz Itanium 2 processor, 16GB of memory, two 36GB drives, HP-UX 11i v1.6 and Zeus 4.2 HTTPS software.

SPECweb99\_SSL uses an industry-accepted workload to measure the performance capabilities of a Web server with added SSL (Secure Socket Layer) encryption/decryption. SPECweb99\_SSL is intended to measure the performance of Web servers, such as e-commerce servers, that experience the high volume of throughput typical of a large enterprise. The benchmark's metric represents the number of simultaneous connections that a secure Web server can support while meeting specific throughput and error-rate requirements.

These results are current as of May 13, 2003. The SPECweb99\_SSL results for the x305 server using the 3.06GHz processor will enter the SPEC review cycle on May 27. Upon completion of a successful review, these results will be posted on June 10 at [www.spec.org](http://www.spec.org), which contains a complete list of published SPECweb99\_SSL results.

(1) The comparison with the hp server rx5670 is based on a server using one processor to achieve a SPECweb99\_SSL performance result.

(2) The x305 and the 3.06GHz processor are generally available.

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