New xSeries server delivers highest 2-way performance for secure Web-hosting

February 20, 2003 ...The IBM® @server xSeries™ 345 has surpassed the competition in performance measurements with SPECweb99_SSL. The x345's result of 1,149 simultaneous connections, which is the highest score on any 2-way server architecture, surpasses the hp server rx2600's score of 1,002. (1)

The x345 achieved this performance using two Intel® Xeon™ 2.8GHz processors, 4GB of memory, six 36.4GB Ultra320 SCSI drives, the Red Hat Linux 7.3 operating system and Zeus V4.2 HTTPS software. The hp server rx2600 was configured with two Intel 1GHz Itanium 2 processors, 8GB 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 February 20, 2003. The SPECweb99_SSL results for the x345 server will complete SPEC review on March 4. Upon successful review, these results will be posted at www.spec.org.

Specific information about IBM and xSeries products, services and support is located at **ibm.com**/pc/ww/eserver/xseries.

(1) The comparison with the rx2600 is based on a 2-way server that uses V4.2 of the Zeus HTTPS software.

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