New midrange xSeries server models achieve leadership IA-32 4-way performance on SPECweb99_SSL

June 30, 2003 ...IBM® introduced new models of the IBM $@$server™ xSeries® 360 and xSeries 255 today. Both feature the latest Intel® Xeon™ 2.8GHz processor with 2MB L3 cache.

The x360 achieved a result of 2,174 conforming simultaneous connections, which is the highest 4-way score on an IA-32 server running 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 x360 achieved this performance using four Xeon MP 2.8GHz processors,16GB of memory, fourteen 18.2GB Ultra160 SCSI drives, the new IBM ServeRAID-6M Ultra320 SCSI Adapter, the Red Hat 7.3 operating system and Zeus V4.2r2 HTTPS software.

The x255 achieved 2,110 conforming simultaneous connections, using four Xeon MP 2.8GHz processors,12GB of memory, six 36.4GB Ultra320 SCSI drives, the Red Hat 7.3 operating system and Zeus V4.2r2 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 June 30, 2003, and will be posted upon completion of SPEC review at www.spec.org, which contains a complete list of published SPECweb99_SSL results.