IBM posts highest 2-way blade server score on SPECweb99_SSL benchmark

November 10, 2004 ...The IBM® @server® BladeCenter® HS20 blade server, using Intel® Extended Memory 64 Technology (EM64T), has delivered the top 2-way blade server performance on the SPECweb99_SSL benchmark. The new HS20 blade server achieved a score of 2,354 conforming simultaneous connections.

The HS20 blade server achieved this result using two 3.6GHz Intel Xeon™ processors, each with an 800MHz front-side bus and a 1MB L2 cache; 8GB of memory; the SUSE Linux Enterprise Server 9 (SLES9) 64-bit operating system; and Zeus V4.2r4 64-bit HTTPS software. (1)

The IBM eServer™ BladeCenter HS20 is a key component in building your IBM eServer BladeCenter configuration. This blade helps take application servers to the edge of high-density design and massive scalability. At your command are powerful, two-way SMP capable Intel Xeon processors, high-speed memory, Gigabit Ethernet controllers and advanced high-availability and systems management features. The new BladeCenter HS20 models with an Intel Xeon Processor up to 3.60MHz and 800MHz front-side bus speed support Intel Extended Memory 64 Technology (EM64T). EM64T provides 64-bit addressability while supporting 32-bit and 64-bit applications. This provides a smooth transition to 64-bit enabled applications while leveraging the price/performance of the existing application ecosystem.

The SPECweb99_SSL result for the HS20 blade server has 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 November 10, 2004.

(1) The HS20 blade server as configured for this benchmark is planned to be generally available November 12, 2004.