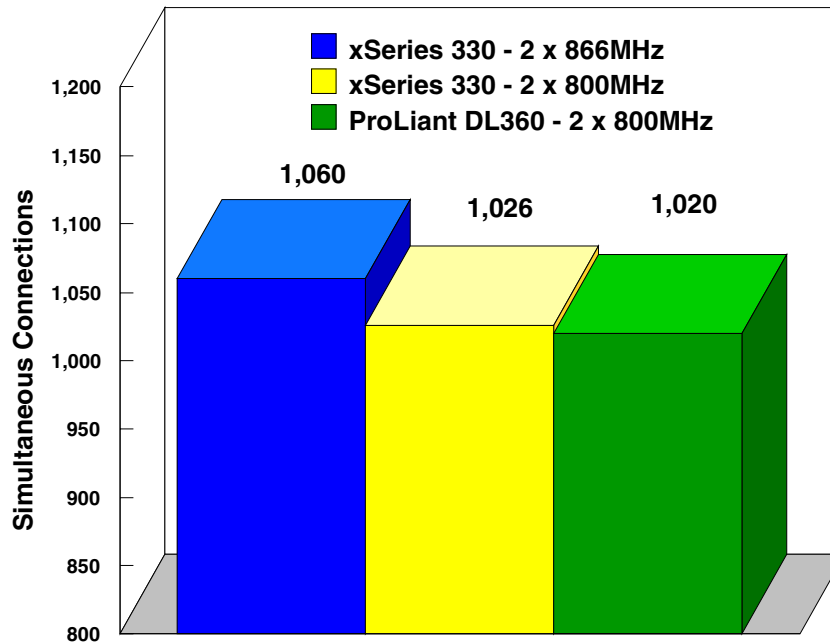


IBM @server xSeries 330 delivers best 2-Way Pentium III performance for SPECweb99

October 18, 2000 ... The IBM® @server xSeries™ 330 server, announced in October, achieved a new number-one result for SPECweb99 performance. Using two 800MHz Intel® Pentium® III processors with 256KB full-speed cache and 4GB of memory, running Microsoft® Windows® 2000 Advanced Server and Microsoft Internet Information Server 5.0, the xSeries 330 demonstrated the capability to support a total of 1,026 simultaneous connections, surpassing the record set by the Compaq ProLiant DL360.

In a similar configuration using two 866MHz processors, the xSeries 330 scored 1,060 simultaneous connections.



The xSeries 330 server packs power and functionality into an ultra-thin, 1U (1.75 inches) rack-drawer footprint, making it ideal for compute-intensive, Web-based or enterprise network applications where space is of primary importance. The xSeries 330 server expands customers' choices with the availability of 933MHz and 1GHz processors. All processors available for the xSeries 330 use the 133MHz Front Side Bus.

All configurations used Alteon WebSystem's ACEnic PCI 1000Base-SX Adapter as the network controller.

About SPECweb99

SPECweb99, developed by Standard Performance and Evaluation Corporation, is the successor to SPECweb96 and is intended to provide the most objective, most representative benchmark for measuring Web server performance. As such, the benchmark disclosure is governed by an extensive set of run rules to ensure fairness of results.

SPECweb99 measures the maximum number of simultaneous connections, requesting the predefined benchmark workload that a Web server is able to support while still meeting specific throughput and error rate requirements. The connections are made and sustained at a specified maximum bit rate with a maximum segment size intended to more realistically model conditions that will be seen on the Internet during the lifetime of this benchmark.

The SPECweb99 workload simulates the accesses to a Web service provider, where the server supports the home page for a number of different organizations. Each home page is a collection of files ranging in size from small icons to large documents or images. As in the real world, certain files within the home page are more popular than others. The dynamic GETs simulate the common practice of “rotating” advertisements on a Web page. The POSTs simulate entry of user data into a log file on the server, such as might happen during a user registration sequence.

SPECweb99 results should not be compared with SPECweb96 results. Although the benchmarks are similar, SPECweb99 uses an entirely different metric than SPECweb96, and it also has different file-access distributions and a mix of different types of server queries. The dynamic part of the SPECweb99 workload has no SPECweb96 equivalent, so there is no way to make meaningful comparisons between the two.

SPECweb99 reports are available on the World Wide Web at <http://www.specbench.org/osg/web99>.

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

¹MHz only measures microprocessor internal clock speed, not application performance. Many factors affect application performance.

Results referenced in this document are current as of October 18 , 2000.

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