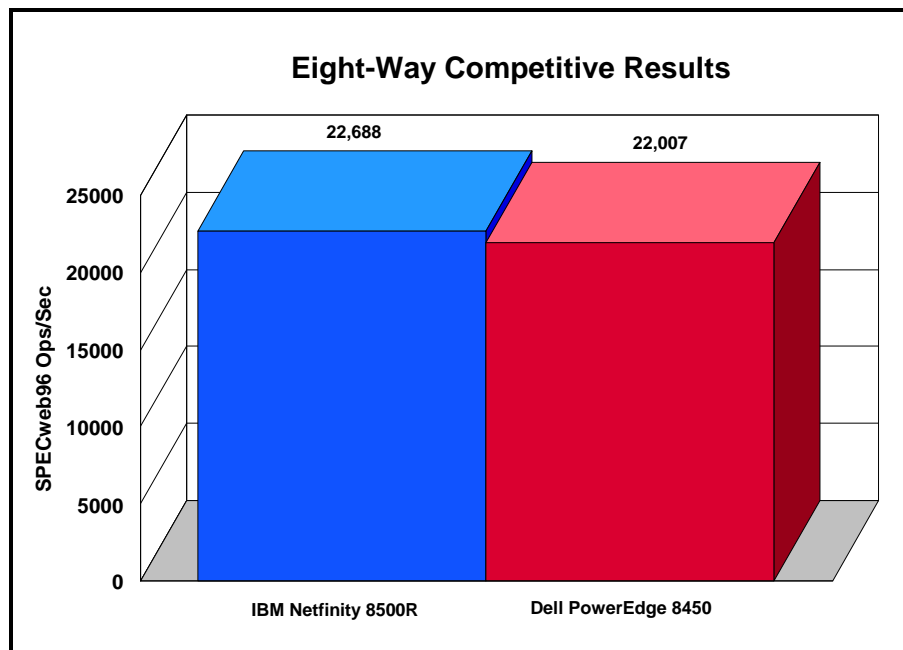


## Netfinity Raises the Bar for Eight-Way SPECweb96 Performance

September 7, 1999 ... The Netfinity\* 8500R, introduced in June 1999, shows its mettle with an industry-leading result for SPECweb96. The Netfinity 8500R set a new record for eight-way, Intel-based servers running Windows\*\* 2000, surpassing the performance of the Dell\*\* PowerEdge\*\* 8450.

Configured with eight 550MHz<sup>1</sup> Intel\*\* Pentium\*\* III Xeon\*\* processors with 2MB L2 cache and 4GB of memory, running Windows 2000 Advanced Server Edition<sup>2</sup> and Microsoft\*\* Scalable Web Cache 2.0, the Netfinity 8500R achieved peak results of 22,688 Web page requests per second.<sup>3</sup>



The Dell PowerEdge 8450 was similarly configured using eight 550MHz Pentium III Xeon processors and 4GB of memory, as well as Windows 2000 Advanced Server Edition and Microsoft Scalable Web Cache 2.0.

These SPECweb96 benchmark results demonstrate the robust capabilities of Netfinity servers for handling Web page delivery and e-commerce at heavily trafficked web sites. These results demonstrate the clear performance advantage of the Netfinity line of servers.

This Netfinity performance milestone was achieved using Alteon Networks' ACEnic\*\* Gigabit Ethernet Adapter with Jumbo Frame support, which improves bulk data transfer performance and minimizes packet-processing overhead on servers. Also used was the ACEswitch\*\* 180, a per-port-selectable 10/100/1000 Mbps switch.

### About SPECweb96

SPECweb96, with its standardized workload and implementation, measures a system's ability to perform as a World Wide Web server for static pages. The workload simulates the accesses to a Web service provider, where the server supports multiple pages for a number of different organizations. This benchmark is useful in evaluating systems that handle millions of hits per day and multiple hits per second. SPECweb96 provides the most objective, most representative benchmarks for measuring Web server performance.

SPECweb96 reports are available on the World Wide Web at [www.specbench.org/osg/web96](http://www.specbench.org/osg/web96).

Specific information about IBM Netfinity products, services and support can be located at [www.ibm.com/netfinity](http://www.ibm.com/netfinity).

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

<sup>2</sup>Windows 2000 Advanced Server Edition is planned to be generally available in fourth quarter 1999.

<sup>3</sup>SPECweb96 defines two metrics: operations per second and average response time in milliseconds per workload. What we call a "Web page request" is actually an "operation," which is an HTTP request for an HTML file or an object referenced in an HTML file.

Results referenced in this document are current as of September 7, 1999. Competitors' results are provided for comparison. All competitive results shown are based on the benchmark measurements conducted by the respective companies. IBM did not test or in any way verify the results obtained by these companies. The configuration of the server under test as well as the test environment may vary. Readers are encouraged to examine the companies' published disclosure reports for details concerning the server configuration and the methodology used to obtain the published results.

Data on competitive products was obtained from publicly available information and is subject to change without notice. Contact the manufacturer for the most recent information.

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