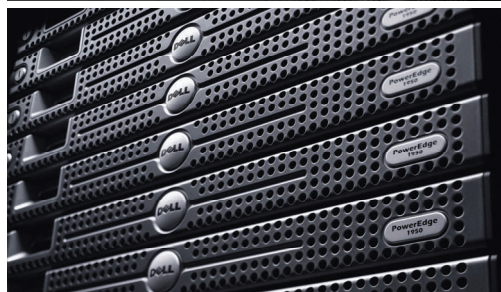


Dell™ PowerEdge™ 1950/R900 Achieve Top Application Server/Database 2-Node Performance with Oracle® Application Server 10g



As of November 2007, Dell PowerEdge leads server/database 2-node performance based on the SPECjAppServer® 2004 benchmark.

- Dell delivers a leading solution for tiered web infrastructure environments — on industry standard platforms!
- Sun Microsystems 8-core Ultra-SPARC-based T2000 systems show a little more than half the performance of the PowerEdge 1950's
- HP's Itanium based rx2660 systems show less than half the performance of the PowerEdge 1950's
- Dell's enterprise systems offer top performance with end-to-end solutions



#1 Industry-Standard Application Server/Database Performance

In November 2007, Dell achieved #1 application server/database 2-node performance with SPECjAppServer2004 using two Dell PowerEdge 1950 servers running Oracle Application Server 10g Release 3 and the new Dell PowerEdge R900 running Oracle Database 10g Release 2, topping results using proprietary hardware, including the Sun Fire T2000 and the HP Integrity rx2660. Not only does PowerEdge performance top the proprietary Sun and HP systems, the performance is almost doubled!

Top 2-Node SPECjAppServer 2004 Results:

Vendor	Basic System Configuration	Performance (SPECjAppServer2004 JOPs@Standard)
Dell	J2EE: 2 x PowerEdge 1950 Database: 1 x PowerEdge R900	3,592.68
Sun	J2EE: 2 x Sun Fire T2000 Database: 1 x Sun Fire X4600 M2	1,871.13
HP	J2EE: Integrity rx2660 Database: 1 x Integrity rx6600	1,578.16

Benchmark Description

SPECjAppServer2004 tests performance for a representative Java application and each of the components that make up the application environment (hardware, software, network). The workload is an application that emulates information flow among an automotive dealership, manufacturing, supply chain management, and an order/inventory system.

Performance is measured by a metric called JOPS (jAppServer Operations Per Second). The metric is derived by adding the operations per second in the dealer domain to the work orders per second in the manufacturing domain.

Result Details

Dell

Submitted and accepted result of 3,592.68 SPECjAppServer2004 JOPS@Standard. Configuration details: Two Dell PowerEdge 1950 servers, each with: two Intel® Xeon® E5440 processors at 2.83GHz, 12MB L2 cache, 16GB 667MHz FBDIMM, Red Hat Enterprise Linux 5 i386 running Oracle Application Server 10g Release 10.1.3.3 – Java Edition; PowerEdge R900 with: Four Intel Xeon® X7350 processors at 2.93GHz, 8MB L2 Cache, 64GB 667MHz FBDIMM, Red Hat Enterprise Linux 5 EM64T running Oracle Database Enterprise Edition Release 10.2.0.2.

Sun

Published result (<http://www.spec.org/jAppServer2004/results/res2007q3/jAppServer2004-20070801-00077.txt>) of 1,871.13 SPECjAppServer2004 JOPS@Standard.

Hewlett Packard

Published result (<http://www.spec.org/jAppServer2004/results/res2007q1/jAppServer2004-20070130-00054.txt>) of 1,578.16 SPECjAppServer2004 JOPS@Standard.