Valueclick Inc v. Revenue Science Inc

Doc. 37 Att. 2

EXHIBIT 2

Title: DIGITAL UNIX TRUCLUSTER SOLUTIONS SHATTER THE BARRIERS OF PERFORMANCE, AVAILABILITY AND AFFORDABILITY FOR ENTERPRISE COMPUTING

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With TPC-C Performance of 30,390 tpmC, TruCluster Solutions Set a New

Mark for Enterprise-System Performance and High Availability

at an Affordable \$305 Per Transaction Per Minute (\$/tpmC)

NEW YORK, April 17 /PRNewswire/ -- Digital Equipment Corporation (NYSE: DEC) today announced UNIX TruCluster Solutions, with new capabilities that shatter the barriers of performance, availability and affordability for enterprise computing applications. Digital is leveraging the outstanding performance of its AlphaServer systems, industry-leading 64-bit UNIX operating system, and 13 years of clustering expertise to deliver unparalleled enterprise computing capabilities. TruCluster Solutions set new standards for performance and scalability. and system and applications availability, using cost- effective standard computing components for affordability and investment protection. With TruCluster Solutions, customers are no longer forced to make trade-offs between performance and high availability and can take advantage of the affordability of open systems.

"Together, Oracle Universal Server and TruCluster Solutions deliver the record-smashing TPC-C performance of 30,390 tpmC. This means customers' mission-critical applications can now run faster, more reliably and more economically. It is that compelling," said Lawrence J. Ellison, chairman and CEO, Oracle Corp. "And no other database can support both OLTP and DSS running simultaneously in this same cluster configuration."

Record-Shattering TPC-C Performance

Digital UNIX TruCluster Solutions deliver outstanding performance and price/performance. The record-shattering TPC-C performance of 30,390 tpmC at \$305/tpmC was obtained with a TruCluster Solution consisting of four AlphaServer 8400 5/350 systems, with a total of 32 processors and 32 gigabytes of memory, running Digital UNIX, and Oracle Universal Server with Oracle Parallel Server, The performance of the TruCluster Solution is 1.5 times faster and less than one-third the price of the industry's previous performance leader -- the Tandem Himalaya K10000-112. While the Tandem Himalaya is an expensive proprietary system, the Digital TruCluster Solution is based on standards-compliant, open systems technology, which allows Digital to achieve the outstanding price/performance.

When compared to the highest tpmC performance of other competitive systems. Digital UNIX TruCluster Solutions are:

- -- 540 faster and 20 less expensive per tpmC than a HP 9000 T500/12,
- -- 481 faster and 36 less expensive per tpmC than a Silicon Graphics Challenge XL/16, and
- -- 593 faster and 6 less expensive per tpmC than a Sun SPARCcenter 2000E/16.

Enterprise-class applications such as Oracle Financials can now support more users, deliver faster response time, and assure uninterrupted operation with TruCluster Solutions. Businesses can start with small, low-cost configurations and add new computer systems, applications and services, as their needs change. In addition, they can perform rolling migrations, upgrading to

new versions of the hardware, operating system or cluster software while the system is running. These systems are ideal for applications such as decision support and data warehousing. telecom, and financial management -- mission-critical applications where downtime directly affects the performance of the business.

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"Digital is committed to delivering the industry's best high-performance UNIX enterprise computing solutions," said Robert B. Palmer, chairman, Digital Equipment Corp. "TruCluster Solutions revolutionize enterprise computing environments by establishing new benchmarks for performance, availability and affordability. With more than 45,000 installed OpenVMS and UNIX clusters, no other vendor has Digital's experience with clusters. This new solution takes clustering to new heights to give customers the tools they need to solve their mission-critical business requirements."

Components of TruCluster Solutions

Digital UNIX TruCluster Solutions allow multiple AlphaServer systems to be clustered as single computing resource. They include support for:

- -- Oracle Parallel Server (OPS), technology in Oracle Universal Server which is optimized for Digital's TruCluster Solutions. It enables Oracle database applications to be distributed across multiple nodes, maximizing the benefits of the clustered system.
- -- Available Server, which provides fail-over and rapid file recovery.
- -- Distributed Lock Manager, which synchronizes access to data across the cluster among multiple users.
- -- Distributed Available Disk, which allows directly connected, standard SCSI storage devices to be accessed by all nodes in the cluster, not just the nodes to which they are directly connected. Distributed available disk increases availability through shared access across nodes, and provides an affordable solution through the use of standard SCSI storage components and low system overhead.
- -- High-speed Memory Channel(TM) interconnect, built on a standard PCI bus, which provides a direct memory-to-memory connection between AlphaServer systems.

"Digital is now extending its historic lead in clustering technology, which dates back to 1983, by combining its UNIX clusters with a new level of systems management capability," said Jean S. Bozman, research manager, International Data Corp. "The new cluster management capabilities in UNIX TruCluster Solutions provide the ability to dynamically add new applications and services. This is especially important for organizations running certain mission-critical applications, such as Internet Web servers for electronic commerce."

Systems Provide Scalability and Investment Protection

"The TruCluster application that we are running on a 24 by 7 basis provides the service that we need now, but as every day goes by, there are more end users, more people using our MSAT satellite network," said Peter Smith, systems manager, TMI Communications, Ottawa, Ontario. "We know that with the technology of TruCluster Solutions and the technology of Oracle databases, that TMI has picked the right solution that can grow as we do."

Investment protection and high availability are assured through rolling hardware and software upgrade capabilities, which allow software and hardware to be updated without downtime, and on an as-needed basis. The use of standard hardware and software components also ensures investments are protected and keeps systems affordable. Using the standards-based Memory Channel interconnect, two to eight AlphaServer systems can be connected in a cluster. The cluster can include AlphaServers from the mid-range AlphaServer 2000 to the high-end AlphaServer 8400. For maximum flexibility and scalability, a single cluster can contain any combination of systems, processors and memory configurations. The low-latency (less than 5 microseconds), high- bandwidth (100 Mbytes/sec) Memory Channel interconnect provides highspeed, memory-to-memory communications, for near-SMP performance.

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Tools for Easy Management and Integration Across the Enterprise

A suite of systems management tools ensures that TruCluster Solutions can be easily managed and maintained. A Cluster Monitor provides GUI-based cluster configuration, status, and notification of failover. To support load balancing, a Performance Manager provides a GUI-based, real-time view of the performance characteristics of the nodes in the cluster. The Networker provides storage backup for the clusters nodes, and PolyCenter Scheduler handles batch process scheduling.

Digital also offers a number of high availability failover solutions, including Netscape-based Web servers, Network File System (NFS), and print queue failover. In addition, DECmessageQ provides guaranteed communication and availability for client/server application; the Tuxedo online transaction processing monitor ensures fast and available OLTP; and CICS for Digital UNIX extends legacy OLTP into reliable open systems.

Pricing and Availability

The hardware and software components in Digital UNIX TruCluster Solutions are available immediately. TruCluster Software for the AlphaServer 2000 Series is \$15,000 per server. TruCluster Software for the AlphaServer 8000 Series is \$30,000 per server. The Memory Channel interconnect is \$2,995 per server. Clusters containing three or more AlphaServers require a Memory Channel hub, which is \$6,995. More information is available at http://www.unix.digital.com/trucluster.html

Digital Equipment Corporation is the world's leader in open client/server solutions from personal computing to integrated worldwide information systems. Digital's Intel and Alpha platforms, storage, networking, software and services, together with industry-focused solutions from business partners, help organizations compete and win in today's global marketplace.

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