



TRAAKAN, INC. DELIVERS THREE RECORD SETTING BENCHMARK PERFORMANCE NUMBERS FOR SPECsfs97_R1.

Fastest NAS Filer Records Achieved Using Compaq ProLiant DL380 G2 Server As “Off-the-Shelf” Hardware Platform with Traakan's NAS software

LOS ALTOS, Ca. --Feb. 5, 2002-- Traakan, Inc., a nine-year-old company providing NAS software for hardware OEMs, today announced the results of SPECsfs97_R1 benchmark testing showing record performance for single processor filers and disk drive efficiency. These extraordinary results were achieved with off-the-shelf Compaq ProLiant servers running Traakan's proprietary FasTraak NAS file system/OS software. FasTraak's powerful single processor design allows it to operate transparently on server platforms ranging from Celerons to Xeons. SPECsfs97_R1 is the SPEC/OSG sponsored industry-standard benchmark for evaluating the speed and request-handling capabilities of enterprise-level NFS (network file server) computers.

Using a standard Compaq DL380 G2 equipped with Mylex controllers and 32 drives, FasTraak software delivered record setting NFSv2-UDP performance of 14,740 ops/sec, the highest recorded for a single processor filer. The same configuration also delivered the record for NFSv3-TCP performance at 11,143 ops/sec. FasTraak powered filers can also scale this performance by clustering up to 100 processors. A similarly equipped DL380 with a minimal 16 drive array also produced record NFSv3-TCP performance of 9,051 ops/sec at 565 ops/sec per drive, the fastest per drive performance ever posted. Results may be seen at: <http://www.specbench.org/osg/sfs97r1>.

In addition to providing record setting performance, Traakan's FasTraak software running on “COTS” hardware provides the following capabilities:

Additional Traakan Features

- **Replication** – Synchronous replication with fast shadow journaling allows real-time mirroring of remote nodes
- **Seamless Failover** – Real-time replication allows for seamless failover in double and triple-mirrored topologies
- **iSCSI** – Traakan's file system delivers concurrent NFS file-level and iSCSI block-level transfer at industry leading speeds
- **Virtualization** – Cutting edge file and operating system technology allows any combination of internal / external IDE, SCSI, Fibre Channel or iSCSI storage to be virtualized and managed

- **NAS Head-end Enabler** – Multiple I/O protocol support allows existing SAN and DAS to be attached directly into a Traakan-enabled system, virtualized, and managed
- **Tapeless Backup** – Provides the first enabling technology that breaks the \$0.01/MB tape backup threshold

Traakan is now seeking OEM integrators and Partners to combine its FasTraak NAS software with off-the-shelf servers for the end user marketplace. The first release supports Compaq's ProLiant servers including the ProLiant DL360 and DL380. Traakan is currently working to qualify FasTraak on other Intel server platforms including Dell, HP, and IBM. Traakan also expects to release its concurrent iSCSI option offering the same synchronous replication and seamless failover capabilities available to its NFS users when the specification is finalized in the spring.

About Traakan:

Traakan, Inc. is a leading provider of NAS software file system and operating systems for OEMs. FasTraak enabled filers offer business continuance solutions and carrier-class reliability to a broad array of previously unserved companies. Until now, protecting corporate information with real-time replication at remote locations has been prohibitively expensive for most organizations. FasTraak powered filers significantly reduce both administrative and hardware costs associated with online backup facilities by combining an easy-to-use structure with IP networking and off-the-shelf servers.

For additional information, see the company's web site at www.traakan.com.

About The Standard Performance Evaluation Corp.'s Open Systems Group (SPEC/OSG):

SPEC is a non-profit corporation formed to establish, maintain and endorse a standardized set of relevant benchmarks that can be applied to the newest generation of high-performance computers. SPEC's membership includes computer hardware and software vendors, leading universities, and research facilities worldwide.

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Contact:

Chip Maloney
Traakan, Inc.
650.947.1721
press@traakan.com