

TOP 10 REASONS TO CHOOSE PANASAS PARALLEL STORAGE

Panasas Inc. is the leading supplier of high performance storage solutions for Linux Clusters. Our parallel storage systems are designed to maximize application performance.

1 UNPARALLELED APPLICATION PERFORMANCE

Panasas' parallel file system, using the DirectFLOW® protocol, delivers exceptionally higher data throughput relative to NFS-only solutions from other storage vendors. This incredible I/O capability allows simulation and modeling applications to run substantially faster when deployed with Panasas storage.

2 PROVEN IN LARGE-SCALE PRODUCTION ENVIRONMENTS

Panasas storage clusters are deployed in the most demanding production environments worldwide. Ranging in scale from Terabytes to Petabytes and in environments as diverse as controlled data centers to geophysical exploration ships, Panasas parallel storage clusters deliver competitive advantage to major corporations around the globe.

3 LOWEST TCO

Panasas parallel storage systems give organizations easy to use, appliance-like management of a virtually boundless storage system. Competitive products require over twice the floor space, power and cooling to achieve comparable performance levels. The single global name space provided by the PanFS™ parallel file system makes administration simple and saves time and money.

4 SUPERIOR LARGE-SCALE RELIABILITY

Panasas parallel storage clusters incorporate many features that deliver the best large scale reliability and availability for high-end networked storage. There is no single point of failure in Panasas storage clusters and features such as ActiveGuard High Availability Software provide automated failover for maximizing uptime. In addition, Panasas' unique Tiered Parity architecture delivers a comprehensive and scalable solution for data reliability and integrity that is unmatched by any other storage vendor.

5 STORAGE OPTIMIZED FOR REAL-WORLD APPLICATIONS

Panasas is the only storage system provider actively working at an engineering level with the leading HPC application software providers, such as Ansys/Fluent, CD-adapco, Paradigm and Landmark to optimize their applications for parallel I/O. This gives customers higher performing applications and the power to make business-critical decisions faster.

6 EASIEST PATH TO PARALLEL NFS (pNFS)

pNFS (parallel NFS) is the emerging standard for parallel I/O and the next major extension to the NFS standard. Since the pNFS standard is derived from the Panasas DirectFLOW architecture, existing and future customers deploying the Panasas DirectFLOW protocol will have the simplest upgrade path to pNFS when it becomes production-ready.

7 UNLIMITED SCALABILITY IN PERFORMANCE AND CAPACITY

Storage capacity can be quickly and easily added and configured in less than 30 minutes. As capacity is added, system bandwidth scales linearly to over 100GB/s providing seamless scalability from Terabytes to Petabytes.

8 FASTER TIME-TO-MARKET & FASTER TIME-TO-RESULTS

Exceptional performance and easy management of Panasas parallel storage clusters allows users to make better business-driving decisions and to make them faster. Higher quality decisions translate into a measurable competitive advantage.

9 UNIFIED STORAGE INFRASTRUCTURE

Panasas parallel storage enables a unified storage infrastructure by providing support for NFS and CIFS access to a single, shared storage pool. This simplifies storage management, reduces data duplication, and increases end-user productivity.

10 WORLD CLASS, PERSONALIZED SERVICE AND SUPPORT

Through our personalized extranet, My.Panasas.com, flexible support packages, and our dedicated staff of storage and cluster experts, the PanSelect Support Services Program will exceed your expectations for service and support.

