Bring High Capacity Storage Demands Down to Size

Jeskell's High-Performance Storage Systems Are Built to Scale

Today's application workloads are putting storage and network performance under pressure. Traditional systems are engulfed by everything, from Big Data and large-scale files, to other unstructured data. The management of this data can become exceedingly difficult not only from a capacity standpoint, but also from the architectural side.

High-Performance Storage Systems (HPSS) solutions are transforming the data management, storage, and backup landscape. These solutions are configured to manage billions of files and hundreds of petabytes of data on disk and robotic tape libraries. To enhance storage capacity planning, HPSS offers scalable hierarchical storage management to keep recently used data on disk and less recently used data on tape.

HPSS enables your organization to manage data-intensive application workloads through:

- Cluster, LAN, and/or SAN technology
- A single virtual file system
- Aggregated performance of computers, disks, and tape drives
- Faster runtimes and data distribution

www.jeskell.com

Jeskell and IBM Combine Forces to Combat Storage Challenges

By aligning with IBM, Jeskell is able to deliver IBM's HPSS solution with best-in-class hardware infrastructure. The full suite of HPSS that Jeskell supports runs on IBM Enterprise server and storage platforms and supports the IBM disk and tape systems.

We have successfully integrated and implemented these solutions to different industries, including the federal government, federally designated small businesses, and aerospace.

Tighter Storage Integration for Unique Data Environments

HPSS is configured to handle an assortment of application workload and performance needs regardless of the total storage capacity, file sizes, data rates, and number of objects stored.

HPSS offers:

- **IBM DB2-protected metadata** to improve the status of all files and devices and deliver greater database reliability, availability, and scalability.

- **Cluster architecture for extreme scalability** through a single, integrated storage system. This storage system is not only built to handle the workload of multiple computer nodes, but it also remains a single storage service through a unified name space.

- **Higher data rates** to your archived storage via innovative parallel striping technologies to both disk and tape.

- **System and data integrity** to initiate checksum utilities. Checksums of files can help users determine the current state of the file content and place their results in a user defined attribute of the file, allowing for easier management of files and data protection.

The Many Faces of HPSS

HPSS also runs on different interfaces, including:

- **HPSS API**—This client API is similar to a POSIX standard read-write interface with additional syntax fo supporting triping and classes of service.

- **HPSS VFS interface for Linux**—This standard read-write file system interface is compatible with Red Hat Linux applications.

Contact our team today to learn more about Jeskell's IBM HPSS solutions and services. Visit www.jeskell.com or Call 301-230-1533

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