Use Case:
keeperSAFE with StorNext® Storage Manager

keeperSAFE™: Your Future-Proof Enhancement to StorNext Storage Manager

For more than a decade, Keeper Technology has offered StorNext Storage Manager (SNSM) as part of the company's mission to deliver the best data storage and management solutions possible. SNSM provides a tiering mechanism which keeps your most important data on high-performance storage, while migrating less-frequently used data to more cost-effective, longer term storage, and provides continuous data protection while at the same time delivering near-line data access regardless of the tier on which the data resides.

Now, Keeper Technology offers keeperSAFE as a seamless enhancement to your SNSM architecture. keeperSAFE is a customizable and elastic File, Block and Object storage appliance, enabling close integration with dynamic processing environments. Its flexibility fosters the building of data storage that scales infinitely.

Enhance the capabilities of Storage Manager by integrating the flexibility, scalability, and reliability of keeperSAFE.

Integrating keeperSAFE with Storage Manager

SNSM treats keeperSAFE like a StorNext Storage Disk (SDISK), migrating data between tier 1 and keeperSAFE through StorNext metadata controllers (MDC) and StorNext data movers (DDM). This integrates keeperSAFE into the policy-driven data management of SNSM. keeperSAFE's data replication removes the need for Storage Manager to make multiple copies of data, thus reducing the workload on your vital resources including tier1, DDM, and MDC. keeperSAFE integrates into SNSM architectures seamlessly, augmenting your existing StorNext resources.

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The Benefits of Integrating keeperSAFE with Storage Manager

Future-proof

Disk and tape technology have a finite life span. keeperSAFE allows for online upgrades, allowing you to easily replace and enhance components as needed with zero downtime. New technology can be inserted and old technology removed with keeperSAFE's automatic data migration, with no service interruptions.

Efficient

keeperSAFE enhances SNSM's collaborative ability and improves the overall system performance by keeping the load off of the MDC and DDM, as well as the primary disk. By freeing up resources, clients can retrieve urgent information with greater performance.

Seamless

keeperSAFE integrates into your SNSM architecture with no downtime or interruption to your workflow. The ability to thin provisions means capacity only as much storage as the actual data managed by SNSM.

Robust protection

keeperSAFE makes multiple data copies automatically on a continuous basis, eliminating the need for Storage Manager to maintain multiple copies for archive backups. keeperSAFE also provides authenticated administrator access as well as data encryption at rest.

Flexible

Modular components provide elastic, scalable expansion, making keeperSAFE storage infinitely scalable.

Resilient

keeperSAFE's design accounts for component failure. Multiple disks, nodes, and even entire racks can go down without losing data, access, or performance.

Cost Effective

keeperSAFE requires minimal periodic maintenance, reducing your team's workload and decreasing operational and maintenance expenses.

Enhance SNSM by integrating keeperSAFE into your data management and storage environment. By replacing the tape or disk archive component of Storage Manager with keeperSAFE, your tiered storage has the performance of disk but is more scalable, more reliable, more efficient, and future-proof.

keepertechnology

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