Cluster Solutions for Hybrid Storage Environments

Key Benefits

Configuration Flexibility

- Your choice of industry standard hardware.

Ease of Use

- Intuitive console for easy ongoing monitoring and management.

Less Risk

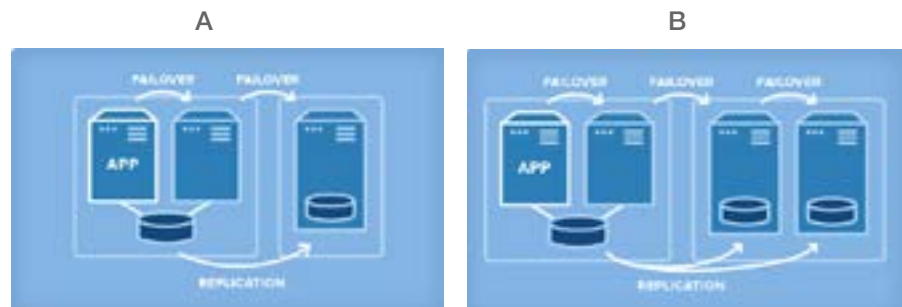- Eliminates the single point of failure risk of a SAN.

Flexibility

- Easy to add more nodes as needed..

SIOS SAN and #SANLess cluster software that lets you build a fully automated, application-centric cluster and replication solution to protect your applications and data from downtime and disasters. SIOS software gives you the flexibility to replicate between the configurations of your choice – between SAN and #SANLess environments and any combination of physical, virtual, and cloud configurations. No vendor lock in. No need for identical hardware at the source and destination.

Configuration flexibility.

SIOS software lets you use your choice of: operating system (Windows or Linux),industry standard hardware; number of nodes (2-32); deployment/workload distribution(active/active, active/passive); replication schemas (N-to-1 or 1-to-N); and storage options (HDD, SSD, iSCSI, FC) or the combination that best meets your needs. You can use SIOS software to extend a traditional SAN cluster configuration or build a cluster using local storage. SIOS #SANLess cluster software uses efficient block-level replication to keep storage synchronized, enabling the standby servers in your cluster to continue to operate after a failover with the access to the most recent data.

A   B

SIOS SAN and #SANLess cluster software gives you the flexibility to create a hybrid cluster environment between SAN and #SANLess environments and your choice of nodes (2-32) for easy, cost efficient availability and disaster protection. Figure A shows a two-node SAN-based cluster in a primary data center replicating to a #SANLess system in a remote disaster recovery site. Figure B shows a SAN-based cluster in a primary data center replicating to a two-node #SANLess configuration in a remote location.

Fast, efficient disaster protection.

SIOS software gives you the flexibility to create a cluster across geographic regions and environments between SAN and #SANLess configurations, and between on-premises and cloud environments. SIOS clusters support block level replication to multiple targets allowing you to configure a multinode failover with nodes in more than one geographic location across a LAN or WAN. They maintain real time, identical copies of data on the standby server(s) for immediate recovery from a failed storage device or a local, regional, or national disaster. SIOS SAN and #SANLess clusters ensure you meet recovery point and recovery time objectives with ease.

About SIOS

SIOS delivers innovative software solutions that provide application availability and disaster protection for Windows and Linux environments.

Clusters Your Way.™

An essential ingredient in any cluster solution, SIOS SAN and #SANLess clustering software provides the flexibility to build clusters your way to protect your choice of Windows or Linux environment – and any configuration (or combination) of physical, virtual and cloud (public, private, and hybrid) storage – without sacrificing performance or availability. SIOS provides unique #SANLess clustering software that eliminates both the cost and the single-point-of-failure risk of traditional SAN-based cluster environments.

Founded in 1999, SIOS Technology Corp., is headquartered in San Mateo, California, and has offices throughout the United States, United Kingdom, and Japan.

SIOS

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