DNF STORAGE
DYNAMIC NETWORK FACTORY

StorMacX i4000 Intelligent IP SANs for OS X

StorMacX i4000: Advanced IP SANs for OS X

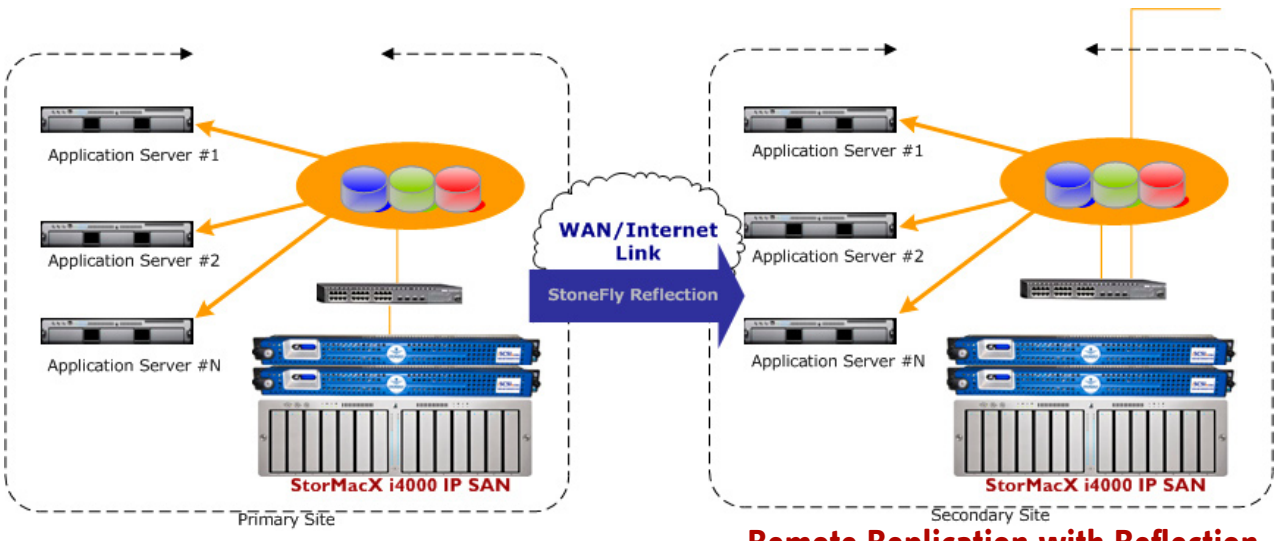
With StorMacX i4000, consolidating storage resources for Mac OS X environments or heterogeneous environments is simple. By using DNF's advanced virtualization technologies with Apple's cost-effective Xserve® RAID platform, building advanced iSCSI SANs is fast and easy. The StorMacX i4000 utilizes the latest dual core processing power, dedicated iSCSI cache, and the award-winning StoneFusion IP SAN operating system to deliver advanced iSCSI storage.

Fast Track to Storage Consolidation

Centralizing storage resources into an intelligent storage area network with advanced storage services provides increased storage utilization and removes islands of under-utilized disk resources. StorMacX aggregates Xserve® RAIDs into a centralized virtual storage pool that can be provisioned when storage requirements increase or new servers are added to the network to eliminate the need for disparate direct attached storage. StorMacX i4000 is an ideal foundation for all storage consolidation projects, from building mission critical infrastructure, launching business continuity projects, enhancing disk based backups, or implementing advanced storage services (like those found in high-end SANs).

Advanced Storage Services

Storage Virtualization -- StorMacX systems consolidate physical storage resources and then provision those resources into iSCSI disks. With the virtualization engine, separating physical storage from logical volumes offers increased flexibility in storage management and fault tolerance. Storage resources can be located internally, externally or on a network. Advanced virtualization technologies storage services are enabled at the volume level, allowing SAN administrators to take a layered approach to storage management and availability.



Remote Replication with Reflection.

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Clustering -- With StorMAcX's active/active clustering technology, StorMacX i4000D Cluster configurations can be deployed in mission critical environments, offering seamless failover technology and load-balancing, Each cluster serves as the backbone of an intuitive IP SAN with no single point of failure to increase availability and performance cost effectively.

Snapshot -- StorMacX's snapshot technology is designed with IT professionals in mind, by offering an efficient and easy-to-use method of recovering critical data quickly to meet recovery point objectives (RPO). Each snapshot is a virtual, temporary, and perishable point-in-time image of an active live volume. Snapshot volumes are a replica of the original volume at a specific point in time, but only use a small amount of disk space. These volumes appear to the host as standard read/write volumes, and using or modifying the volume has no impact on the primary volume. Snapshots can be created nearly instantaneously requiring less time to quiesce applications and decrease server overhead for backups. Snapshot also integrates with host level applications including Volume Shadow Copy Services (VSS), SQL, Exchange and more.

Reflection -- Reflection™ synchronous local and campus mirroring solution provides continuous access to a volume without impacting data availability by substituting an exact mirror image of any volume. This simplifies disaster recovery, speeds system deployments, and reduces system downtime while operating transparently to users, applications, databases, and host processors. The result is next-generation performance, reliability and availability for critical applications.

Comprehensive Data Continuity Service (CDC) -- DNF's CDC service utilizes the StorMacX platform to deliver hosted remote sites for StorMacX i4000 environments. With the CDC managed services model, organizations of all sizes can easily build a business continuity plan or set up a remote site without overhead and management complexity.

StorMacX i4000 At-A-Glance

- Advanced Storage Management with Virtualization Engine
- iSCSI Volume Management and Host Support for OS X 10.3.5 and up, Linux, Windows XP, Windows Server 2000 and up
- Advanced Storage Services including Active/active Clustering, Snapshots, Synchronous Mirroring and Replication
- Local and Campus Mirroring for Advanced Data Availability
- Hosted Remote Replication and Data Continuity Services
- Dual-Core 64-Bit Storage Processor
- Dual Gigabit iSCSI Connections for Availability, Redundancy and Performance
- Two Fibre Channel Connections to Xserve RAID Systems
- Dedicated System Management Ports Separate from Storage Networking Interfaces
- Supports up to 10 Xserve RAIDs per i4000
- 1U Rackmount Chassis

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