

Sun StorEdge™ Availability Suite Software

Data continuance, application availability,
and disaster recovery



Sun StorEdge™ Availability Suite software significantly improves time to recovery for mission-critical data.

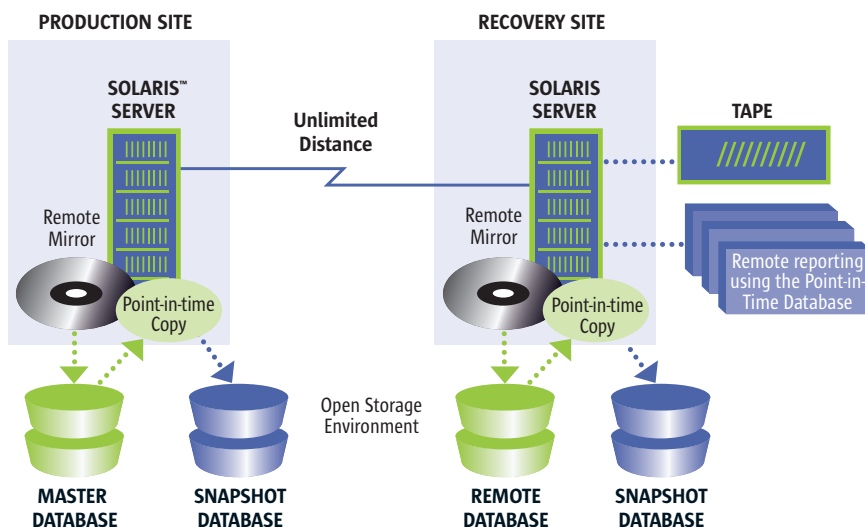
Remote mirroring protects your information assets from unplanned downtime and disasters by replicating data between physically separated servers, in real time and from any distance.

Repurposing of live production data reduces backup windows, and helps you test applications, load data warehouses, speed application development, and more.

Integration with Sun Cluster HA solutions and certification by the Oracle® Storage Compatibility Program (OSCP) provides enhanced application availability, protection, and compatibility.

Maintain availability and access to your mission-critical data and applications without business disruption.

A data continuance environment requires a synthesis of strategies, systems, software, and services, all aimed at eliminating business disruption. Sun delivers a complete, end-to-end IT infrastructure with solutions that match application needs from the work group to the data center. Sun StorEdge™ Availability Suite software is the foundation on which to build a sound data continuance and application availability environment. This solution, with robust remote data replication and point-in-time copy software, is fully backed by comprehensive services and support for high quality of storage service levels. Use point-in-time copy software in conjunction with remote mirror software to help ensure one of the highest levels of data availability, integrity, and business continuity throughout your enterprise.



Sun StorEdge™ Availability Suite software provides point-in-time copies and can replicate data between physically separated servers in real time and from any distance.

Sun StorEdge™ Availability Suite Software

Purchase these products from the Sun™ Store, sun.com/store, or contact an authorized Sun reseller near you.

Point-In-Time Copy Software

FEATURES	BENEFITS
Point-in-time copy	Improves uptime as processing continues from the snapshot copy (shadow). Helps enable testing of actual production data. Decreases disruptions.
Compact dependent shadows with overflow	Provides instant access to point-in-time copy. Decreases the storage space required for the shadow copy. Helps to improve total cost of ownership (TCO).
Volume grouping	Groups volumes for a PIT set. Eases updating and resynchronization efforts. Improves storage management efficiencies.
Open API	Provides an open API, letting ISVs integrate value-add applications with the point-in-time copy software.
Point-in-time copy locking	Prevents the accidental change of point-in-time data by one process, while it is being used by another.
Multiple shadow copies	Recovers data from different point-in-time copies. Provides availability to efficiently control software revisions.
Export/import/join	Offloads applications such as backup, test and development, and data analysis to a separate host. Frees up resources on the primary server.
Open storage access	Allows point-in-time copies to be made from data residing across multiple storage subsystems. Protects investments with support of third-party storage systems.

Remote Mirror Software

FEATURES	BENEFITS
One-to-many/many-to-one replication	Provides access to critical information by replicating data to multiple sites. Decentralizes data for load balancing and improving application performance.
I/O grouping	Groups I/O when replicating multiple volume databases. Provides consistency and integrity when replicating data.
Synchronous/asynchronous/semi-synchronous replication	Helps ensure data consistency. Provides flexibility and choice.
Multi-hop	Provides higher availability of vital data. Provides data replication from site to site with simplified management features.
Mutual site backup	Lowers operational costs and increases availability and management efficiency. Lets remote sites function as data backups for each other.
Disaster rehearsal	Provides capability for disaster preparedness planning and training. Can simulate disaster and recovery scenarios without disruption.
IPv6 support	Supports 128-bit IP addressing scheme.

System Requirements

Operating environment	Solaris™ Operating Environment versions 2.6, 7, 8, and 9	
Server platforms	Any Sun server or workstation running UltraSPARC® II or later processor with Solaris Operating Environment v2.6, 7, 8, or 9	
Storage systems	Sun StorEdge A/D1000, A3500, A5000/A5100/A5200 arrays Sun StorEdge T3 workgroup and enterprise arrays Sun StorEdge 3900, 6900 series Third-party storage	
Compatible software	Solstice DiskSuite™ software Sun StorEdge Management Console software Sun StorEdge Component Manager software Sun™ Cluster 3.0 u1/2 software	VERITAS File System software VERITAS Volume Manager software VERITAS NetBackup software Legato NetWorker software

Sun's Storage ONE—Manage the Service, Not the Storage

Sun's Storage ONE initiative, which is built on the Sun™ Open Net Environment (ONE) platform, offers an open, integrated storage management family that focuses on managing the service, not the storage.

Sun is delivering on the Storage ONE vision today with storage software suites focused on availability, performance, resource management, and utilization:

- Sun StorEdge Availability Suite software provides local and remote data-replication services that reduce planned and unplanned disruptions and provide rapid recovery from disasters.
- Sun StorEdge Performance Suite software provides a shared file-system service with quick data access for high-performance, data-intensive environments with very large volumes.
- Sun StorEdge Resource Management Suite software provides central monitoring, reporting, and analysis for proactive capacity management, cost chargeback, and strategic planning.
- Sun StorEdge Utilization Suite software provides fully integrated backup, archiving remote copy, and volume management software to improve storage utilization and IT operational efficiencies.

For additional information on this product, go to www.sun.com/storage/software

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