

SunSM Host-Based Data Migration Service

Quickly and confidently complete your data migration while staying focused on your core business.



Whether you're refreshing disk subsystems or servers, consolidating your environment, creating a tiered storage environment, optimizing application performance, or relocating data centers — chances are, data needs to be migrated. Assessing, planning, and executing a migration project requires significant time and expertise. And today's multi-platform, multi-vendor, mission-critical environments make migrations even more complex and risky.

Overcome data migration challenges

Sun can help you overcome the obstacles typically associated with data migrations, such as time, cost, application downtime, and loss of productivity. The SunSM Host-Based Data Migration Service leverages Sun's experience, proven methodologies, and best practices to help reduce risk while you quickly and confidently complete your data migration. And because your migration occurs transparently, you can migrate data while maintaining availability and staying focused on your core business activities.

Migrate data without disrupting your business

The Sun Host-Based Data Migration Service facilitates data migrations without disrupting your internally and externally facing applications, helping reduce the major risks and costs associated with data migration. The benefits are many. Because your data migration occurs

transparently, you can continue with business processes that contribute to corporate growth and profitability. Your storage administrators no longer have to strategize to find the least harmful time to schedule an outage to move data. And online users have continuous access to the information they need, when they need it.

A simple solution for complex environments

This host-based approach to data migration provides the flexibility and simplicity that today's complex, mission-critical environments demand. Compatible with both mainframe and open systems platforms, the Sun Host-Based Data Migration Service supports multiple platforms and vendors. And whether you have direct-attach or SAN-attach disk storage devices, you can migrate data both locally within your data center or globally to co-located geographies. Applications are online and data is accessible throughout the entire migration, no matter how far the distance.

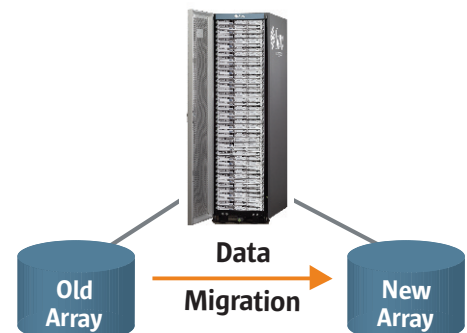
Highlights

- Helps minimize expensive downtime by keeping applications available during your migration
- Migrates data both locally within your data center or globally to co-located geographies
- Offers complete vendor independence for flexibility and choice
- Helps reduce risk by leveraging Sun's experience, proven methodologies, and best practices
- Eliminates the need to buy or configure special hardware or software

Biggest Challenges

- Lease overlap costs
- Migrating between arrays from different vendors
- Risk of data loss
- Inability to restart applications or prolonged downtime
- Technology incompatibilities

Technology Refresh



Fully managed and delivered service

Sun partnered with Softek, an industry leader in enterprise data migrations, for the Sun Host-Based Data Migration Service. Softek's technology combined with Sun's global team of project management and delivery experts provide you with a rapid, proven, enterprise-class data migration solution. Built solidly on proven methodologies, the Sun Host-Based Data Migration Service is a fully managed and delivered service that helps enable a successful migration — on time and on budget.

Eliminate the need for special hardware or software

Sun leverages your infrastructure investments with seamless integration into the existing production environment. The Sun Host-Based Data Migration Service operates at the volume level and needs no prerequisite software to implement. In addition, no storage hardware upgrades are required before migrating from one storage device to another.

Improve application performance

The Sun Host-Based Data Migration Service can help you improve application performance and meet service level agreements. Sun can move data off poor performing volumes at any time, without interrupting applications. Volumes can be moved from one location to another within the same storage array or to a different array. And most importantly, the move is entirely transparent to users, making it easy and non-disruptive.

Engage the storage experts

Sun service professionals help you address storage challenges by delivering integrated services and solutions that help optimize and manage storage performance over the life of your data. Our recognized, world-class service and customer care give you confidence that your technology investment is protected and that your business will be responsive to change.

Our consulting and managed services help you pinpoint opportunities to reduce costs, mitigate business risk, and better leverage information assets by delivering clarity, simplicity, and choice in solutions that address regulatory concerns, complex storage growth, resource management, and scalability challenges.

Learn more.

For more information about the Sun Host-Based Data Migration Service, please contact your Sun Sales Representative or Authorized Reseller or visit sun.com/service/storage/hostbased.xml

Sun Host-Based Data Migration Service — Technical Benefits	
Feature	Benefit
Continuous migration monitoring	Provides data integrity assurance, error detection, and resolution.
Dynamic SWAP	Automatically directs I/O to new location after data replication completes, allowing for data migration without disruption.
Logical group management	Improves manageability and integrity when moving databases.
Throttling full speed copy	Helps maximize copy speed during slow time periods within the customer environment (daytime) and throttle back the migration during peak load times (evening backup window). Uses two I/O buffers with overlapping read/write operations for the fastest possible migration.
Resilient architecture	Current state of migration is maintained at all times, regardless of graceful or non-graceful shutdown to help enable continued or recoverable migration
Fall back	Provides the ability to test on migrated data sets to determine the state of data prior to cut over. After testing, customers can switch to the migrated data sets or choose not to cut over until issues have been corrected — without effecting users.