

# SUN STORAGE ARCHIVE MANAGER

## KEY BENEFITS

SHARE, MANAGE, AND  
PROTECT FILE DATA  
WITHOUT BREAKING IT  
BUDGETS

- Save money with a policy-based archiving solution that puts the right information on the right storage at the right time.
- Gain control and simplify storage management with storage tiering, archiving, and data protection.
- Improve access to business information throughout the data lifecycle.
- Reduce backup windows and minimize vulnerability with a solution that continuously archives file data.
- Simplify the configuration, management, and monitoring of archiving file systems.
- Archive data in an open format to ease future access and avoid vendor lock-in.

*As data volumes and storage infrastructure expand to handle the explosion in file-based information, companies are struggling with the resulting management complexity. Designed to address the challenges of rapid data growth, Oracle's Sun Storage Archive Manager streamlines data management processes to help organizations save time and money. Policy-based storage tiering, comprehensive data protection, and data archiving combine with automatic data management based on the business value of information to help reduce storage cost and complexity.*

### Simplify Storage Management

Putting the right information on the right storage can save money over time. Sun Storage Archive Manager software actively manages data between storage tiers to let companies exploit the substantial acquisition and operational cost differences between high-end disk drives, SATA drives, and tape devices.

Sun Storage Archive Manager software provides an abstraction layer between applications and underlying storage tiers. Applications remain unaware of the physical location of data. As information is written by applications, it is automatically and transparently placed on the most cost-effective storage—based on specified retention and retrieval policies—to align storage and archiving costs with business priorities and ease the management burden.

### Improve Access to Business Information

Sun Storage Archive Manager software provides ready access to data throughout its lifecycle. Managed files appear to exist in the topmost directory of the storage hierarchy, no matter where they actually reside on physical storage. When a file is accessed, Sun Storage Archive Manager retrieves data from the storage tier with the fastest response time. In addition, previously hard to access data can be moved into tiered storage controlled by Sun Storage Archive Manager, keeping costs manageable while providing quick data access.

### Reduce Backup Windows and Costs

Traditional data retrieval and recovery processes are cumbersome and time consuming, leaving file data vulnerable between scheduled backups. Sun Storage Archive Manager software continuously archives file data to as many as four local and remote storage locations for effective and efficient data protection and recovery. Only changed files are archived, placing less strain on the IT infrastructure.

With other solutions, users can experience lengthy downtime when data is recovered after unplanned outages. With Sun Storage Archive Manager, users can quickly recover from an application or system outage without data corruption or loss. In a total system failure, administrators can restore the file system structure and reinstate access to files in minutes. With faster disaster recovery, companies can resume business operations quickly, reduce financial loss due to outages, and demonstrate compliance with regulations for how data is managed.

### **Ease Administration**

Administrative inefficiencies disrupt progress and delay results. Sun Storage Archive Manager includes a wide range of features to simplify the configuration and monitoring of archiving file systems. With a Web-based management portal, enhanced monitoring and diagnostics, and role-based access control, Sun Storage Archive Manager software provides a powerful, easily managed, cost-effective way to archive, access, and protect critical data over its entire lifecycle.

Administrators can grow or shrink file systems online, and software deployed in shared environments can be upgraded with no downtime, keeping data available even when configuration changes are ongoing.

### **Integrate with Virtualized Environments**

Virtualization is a key money-saving strategy for IT departments. With Sun Storage Archive Manager, local and shared archiving file systems can be configured to use Oracle's Solaris Zones partitioning software, which prevents processes running in one zone from monitoring or affecting processes running in other zones for greater isolation.

### **Archive Data for the Long Haul**

With Sun Storage Archive Manager software, data is archived using an open format to ease future access and avoid vendor lock-in. Sun Storage Archive Manager creates storage "containers" that map fully to the industry standard UNIX tar format for file encapsulation. Any tape or disk archive generated by Sun Storage Archive Manager can be independently read and restored—even without the software—thanks to the open format.

Physical disk and tape media have finite useful life spans that are typically much shorter than the overall lifetime of the data contained on them. Maintaining access to this vital data is key. Sun Storage Archive Manager provides application transparent migration between media during hardware replacement cycles to dramatically simplify the process of moving to newer media technologies.

### **Improve Archive Performance**

Getting access to archived data quickly is often paramount. Sun Storage Archive Manager allows metadata to be stored in a sideband MySQL database for each file system. With this capability, storing metadata can occur 11 times faster once 6 million files are archived. The result is faster retrieval and restoration of file data.

### **Share and Scale Data**

Data management infrastructure can be optimized by combining Sun Storage Archive Manager with the Sun QFS shared file system. Together, these technologies provide a complete data management solution with integrated file services, higher performance capabilities, file sharing, and robust scalability.

### **Engage the Storage Experts**

Oracle service professionals can help address storage challenges by delivering integrated services and solutions that optimize and manage storage performance over the life of data. Oracle's world-class service and customer care can help companies rest assured that technology investments are protected and that the business can respond to change.

Oracle experts can also help pinpoint opportunities to reduce costs, mitigate business risk, and better leverage information assets. Oracle's consulting and managed services offer clear and simple solution choices that address regulatory compliance, storage growth, resource management, and scalability challenges. Oracle's dedicated storage service professionals can help companies gain and sustain measurable results with reliability and flexibility.

### **Go with a Storage Leader**

Oracle continues to develop innovative storage systems and software that safeguard data, accelerate access, and reduce the cost of storing and managing data. By taking advantage of advancements in Sun Storage Archive Manager software, companies can gain control of storage assets, deliver faster access to business information, and simplify administration while reducing costs.

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### **Contact Us**

For more information about Oracle's Sun Storage Archive Manager, please visit [oracle.com/storage](http://oracle.com/storage) or call +1.800.786.0404 to speak to an Oracle representative.



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