

# Sun<sup>SM</sup> Architecture Optimization Service for Storage

Applying industry best practices to your storage environment



The Sun<sup>SM</sup> Architecture Optimization Service for Storage begins with an objective evaluation of your current storage solutions providing you with results oriented specific recommendations that can help you increase service levels and positively impact your bottom line. After a thorough, impartial review of your present storage environment, we apply the best practices in tools and methodologies developed through our extensive customer interactions at datacenters worldwide. These best practices can help you maximize storage performance, increase security, while minimizing the risks associated with data retention and regulatory issues, and improve your ability to compete—all while saving you time and money.

The results we deliver through our Sun Architecture Optimization Service for Storage will help you to improve your bottom line by tying IT and information lifecycle management (ILM) strategies closer to business objectives while closing the value gap between the adoption of new technologies and business results.

### **Get a clear view of where you are now. And where you need to be.**

By taking a holistic approach, Sun's architecture service provides an objective review of your storage architecture, including application, database, file types, and file systems. This allows us to thoroughly analyze and validate your storage resource management policies around such factors as:

- Data classification
- Management
- Data movement
- Duplication
- Database resource management

Sun's storage service experts help align your datacenter needs with your business goals and requirements, and prescribe a custom 'lifestyle change' for your infrastructure—not a crash diet—and offers you the flexibility to choose the component or

components that best fit your priorities, whether your challenges involve:

- Storage optimization
- Data protection
- Backup and archiving
- Compliance issues
- Consolidation and virtualization
- Monitoring and managing data
- Tiered storage

### **Proven methodologies for architecture assessment, design, and implementation**

Sun's Architecture Optimization Service for Storage begins with discovery and input. In discovery, we work with you to determine current state, review business priorities and assess future needs.

The next step is storage architecture optimization analysis. Interpretation of data results is performed. Our detailed analysis drills down to the file system—even the file level—allowing us to build specific strategies for structured data, unstructured data, and hybrid file systems. We can help you evaluate ways to optimize cost vs. performance in the placement of tables and files for major database systems. Comparison of interview results is made with industry best practices as we formulate and design an optimized architecture that includes where improvements need to be made and how current assets can continue to be used.

## Highlights

- Formulates intelligent growth plans after an objective analysis of your current storage environment
- Improves storage performance
- Enhances data protection and security to help reduce business risk
- Helps meet data retention requirements enhancing access and recovery
- Helps maximize your investment in storage while aligning costs and risks

The final step is providing Sun Architecture Optimization deliverables. In this step, architecture recommendations are provided that include benchmarking of key areas, a process for measuring progress, as well as priority areas for improvement and future spend. Suggestions for deferred purchases are made along with recommended timetable for infrastructure changes and knowledge transfer. The result is an actionable roadmap of steps to improve the reliability, utilization and performance of your storage infrastructure.

### Sun's Storage Health Check services

If you want a quick high level review Sun's Storage Health Check service provides a timely, high-level evaluation of your current storage challenges to provide greater insights into potential areas of improvement. It includes four storage infrastructure review options:

- Storage overview
- Review and optimization of your backup environment
- Storage workload analysis
- Encryption

You will receive a written report documenting and prioritizing areas for increased efficiency or improvement, which also includes a benchmark

of your storage systems maturity to others in your industry. The Sun Storage Health Check service provides for the analysis of a single site with a predetermined configuration:

- Up to five hosts and two disk subsystems
- One backup master server
- One Automated Cartridge System Library Software (ACSL) server (if applicable)
- Two SAN switches
- One database
- Six customer staff interviews

The Sun Architecture Optimization Service for Storage offers a deep analysis of the storage capabilities, processes, capacity, and management of your storage infrastructure. The end result of this review is a list of actionable steps you can take to improve the reliability, utilization, and performance of your storage subsystems with a focus on disk, tape, and the networking SAN infrastructure. This in-depth analysis pinpoints the causes of your storage challenges and offers specific solutions and a roadmap for addressing them.

Sun's Architecture Service further focuses on mitigation of storage issues involving people, technology, and processes. Our veteran storage service professionals work to improve the

### Learn More

Contact your local Sun Sales Representative or Authorized Reseller to learn more about storage architecture and optimization services from Sun or visit [sun.com](http://sun.com).

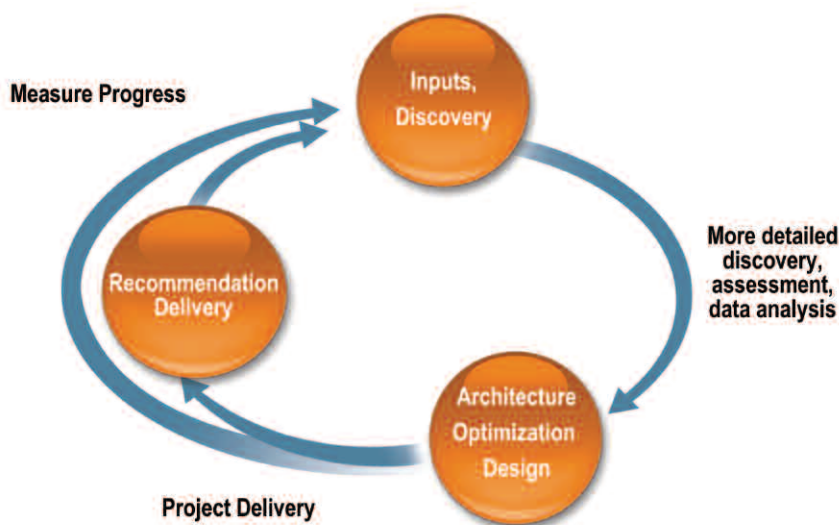
overall performance of your storage infrastructure and align your storage strategies to your business goals. This all-inclusive, big picture approach covers all data types and platforms, and evaluates the impact of different stakeholders, along with the processes that manage storage resources.

This service also reviews storage tiering strategies to balance performance needs and financial requirements.

For more complex needs, the Sun's Architecture Service can be tailored to meet the exact configuration of your storage environment.

### Why Sun services?

With more than 36 years of storage expertise and an experienced, highly-trained staff, no other consulting group is better positioned to provide you with insightful, detailed, and objective architecture and optimization analysis and recommendations. We have a track record of proven results in applying our information lifecycle management strategy to our customers' toughest storage challenges. Our solutions are driven by your needs and aimed entirely at your success.



Sun architecture optimization process