

SunSM Lustre[®] On-site Implementation Services

Lustre implementation and integration services for HPC environments



The new SunSM Lustre[®] Implementation service allows you to take full advantage of the Lustre file system by integrating the software quickly and efficiently into your HPC environment.

Sun Lustre On-site Implementation Services provides outstanding flexibility and choice through a combination of pre-defined Lustre configurations and a choice of three pre-selected service offerings that allows you to select the right combination of systems and services that meets your unique Lustre needs.

Lustre from Sun is designed to meet the demands of the world's largest high-performance compute clusters

The Lustre[™] file system redefines I/O performance and scalability standards for the world's largest and most complex computing environments. Ideally suited for data-intensive applications that require the highest possible I/O performance, Lustre is an object-based cluster file system that scales to tens of thousands of nodes and petabytes of storage with groundbreaking I/O and metadata throughput.

Sun has extensive experience with Lustre File Systems. Partnering with Sun provides you with peace of mind by knowing that the management and housing of your IT infrastructure is in the hands of the experts, allowing you to focus on what matters—the IT service you provide to your business.

Lustre Implementation from Sun provides flexibility and control

Sun's Lustre On-site Implementation Service is an offering that allows Sun Microsystems to design, rapidly deploy, and perform acceptance testing for the pre-defined configuration of Lustre that meet your IT and business needs.

A highly flexible, modular approach is used to design the architecture components to build a right-size Lustre parallel file system to meet your I/O and throughput requirements.

You have the flexibility to explore one of three pre-defined Lustre configurations selected providing the right level of service and HPC needs. An additional object storage server (OSS) implementation is also available, if scalability requirements are needed for increased I/O and throughput.

Fast and efficient implementations provide you peace of mind

Benefits of Sun's Lustre Implementation Service include:

- Comprehensive all-in-one systems and services solution that takes the complexity out of datacenter procurement and management
- Helps reduce deployment time and reduces installation challenges with the initial set-up and acceptance testing
- Provides exceptional flexibility and choice through modular offerings that allow you to choose the right combination of systems and services for you
- Frees up IT resources to focus on core business needs
- Peace of mind by knowing the Sun experts have done these implementations before. This helps minimize deployment risk and unplanned downtime.



Highlights

- Small, medium, and large implementation services available
- A highly flexible, modular approach to design the architecture component
- Accelerates implementation time and increase speed to production.
- Enables production quality (high availability) reliability for no single point of failure

Implementations with proven, tested, and validated procedures.

Sun Lustre On-site Implementation Services are based on an architect and implementation methodology that has been optimized for the rapid deployment of standard architecture building blocks for the infrastructure of a high availability (HA) Lustre deployment.

The configurations have been validated and tested with high availability object storage server building blocks.

A thorough implementation that results in your satisfaction

The Sun Lustre On-site Implementation Service transforms the way Sun delivers Lustre infrastructure by enabling you to define Lustre parallel file system requirements through a modular approach that allows purchasing flexibility to choose from one of the three Lustre configurations.

The service includes four hours of pre-sales meeting to determine which configuration solves your Lustre needs, and includes four hours of transfer of information to your designated staff.

SunSpectrum support and services

To upgrade your warranty, Sun offers a comprehensive software support agreement for your Lustre application with a SunSpectrum Software Service Plan at the Standard level. Having access to Sun's expert technicians, in-depth knowledge base, software updates and releases helps ensure the success of your deployment and the availability of your solution.

For more information visit sun.com/service/serviceplans/software

To ensure the success of your project, take advantage of additional Lustre administration training. In a comprehensive three-day course, Sun Learning Services covers best practices in deployment and administration as well as configurations from very simple to very complex.

Learn More

For more information on Sun Services, visit sun.com/service/implement

For more information on the Lustre File System, visit sun.com/lustre or www.lustre.org