

## What is the Gluster Storage Platform?

Gluster Storage Platform is an open source clustered storage solution. The software is a powerful and flexible solution that simplifies the task of managing unstructured file data whether you have a few terabytes of storage or multiple petabytes. Gluster Storage Platform integrates the file system, an operating system layer, and a web-based management interface and installer. Installation is a simple process that enables customers to deploy a few hundred terabytes of clustered storage in two steps and just a few mouse clicks. Gluster Storage Platform runs on industry standard hardware from any vendor and delivers multiple times the scalability and performance of conventional storage at a fraction of the cost.

Gluster Storage Platform clusters together storage building blocks, aggregating disk and memory resources and managing your data in a single global namespace. It employs a stackable file system architecture that can be optimized for specific application profiles with simple plug-in modules, optimizing performance for a wide range of workloads.

### Key Benefits

- Reduce costs by using industry standard hardware and repurposing existing systems
- Simplify management for large scale unstructured file data
- Pay as you grow by seamlessly adding storage building blocks
- Modular architecture makes it simple to tailor configuration to specific workload types
- Disk and memory resources automatically pooled and managed in cloud environments

### Common Applications & Industries

- Virtualized Environments
- Web Applications
- Digital Media
- Cloud Storage
- Energy
- Healthcare
- Biotech

## Gluster Advantages

### Lower Storage Cost

Open source software runs on commodity hardware

### Scalability

Linearly scales to hundreds of petabytes

### Performance

No metadata server means no bottlenecks

### High Availability

Data mirroring and real time self-healing

### Better Virtual Storage

Keep virtual machines always-on

### Simplicity

Complete web based management suite

## Gluster Subscriptions

Like most open source software products, the Gluster Storage Platform is sold as a subscription. This simplifies the process of purchasing software by providing everything you need in an all-in-one bundle. Gluster subscriptions include the software, access to the latest product releases and updates, flexible technical support tailored to your business, and training and knowledge base access over the software lifecycle.

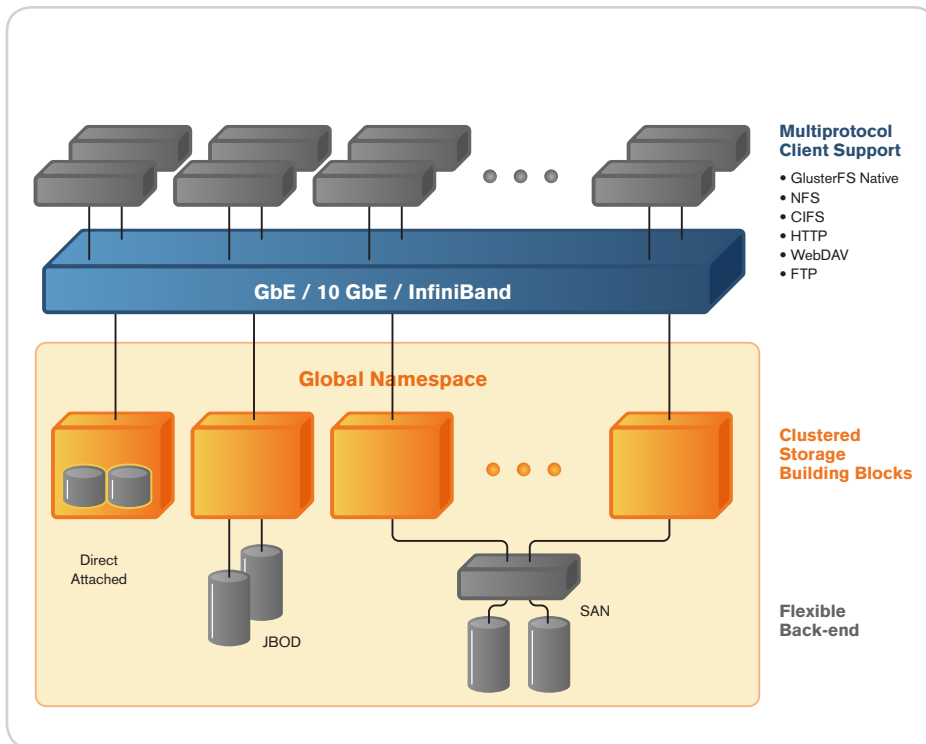
**What Customers Are Saying**

“ Easy to scale, simple to manage. ”  
 — University of Florida

“ It’s allowed us to use our system in scenarios that we didn’t plan for initially, which has saved us enormously on hardware costs. ”  
 — Synthetic Genomics

“ We can scale the Sun X4500 + ZFS like no other. ”  
 — Partners Healthcare

“ Our blades are more effective. ”  
 — Babcock & Brown



**Key Features & Benefits**

**Scalability**

Linear scalability makes it easy to expand as needed.

- Truly linear scalability
- Scales to hundreds of petabytes
- Add new nodes with two mouse clicks

**Performance**

Unique architecture eliminates the need for a metadata server and produces truly ground-breaking IOPS and throughput.

- No metadata server
- No central point of failure
- Automatic load balancing
- Stripe files across dozens of storage blocks

**Kernel Independent**

Gain the benefits of kernel-independence without any of the performance tradeoffs.

- No complex cross-platform compatibility issues
- No problematic upgrades
- Easy implementation of custom applications and modules.

**High Availability**

High availability options include data mirroring and real time self-healing.

- Error detection and correction even while files are running or during hardware failures

**Easy Deployment & Management**

Deploy petabyte-scale storage in just 15 minutes. Ongoing maintenance is simple and efficient with integrated management of volumes, data resources, and servers.

- Self Healing (no fsck)
- Automatic error-correction
- Wizard based deployments
- Centralized logging and reporting
- No system downtime for upgrades or new nodes

**Optimized for Virtual Servers**

True virtual storage for server virtualization.

- Store VM images and data in single namespace
- Multiple copies of VM images provide always-on performance—even during hardware failure

**Quick, Flexible Setup**

Gluster features push-button setup enabling you to customize your storage settings for your workload. You can easily optimize for small files, cloud computing, or any other usage.

- Native clients available but not required
- Supports NFS, CIFS, HTTP, Web-DAV, and FTP protocols
- Network: Gigabit Ethernet, 10 Gigabit Ethernet, InfiniBand

**Flexible Modular Design**

Gluster’s modular architecture enables easy addition of features without the bloat for features that you don’t require.

- Easy, fast feature enhancements
- Design Gluster for your workload
- Eliminate unneeded features for optimum speed