Source

The following information has been pulled from here: https://gluster.readthedocs.io/en/latest/

Terminology

ACL	Access Control Lists	*Assign different perms for different users / groups*
Brick		*Basic unit of storage. Represented by a directory on a server on the trusted pool*
Cluster		*Group of Bricks pooled to form one mount point*
DFS	Distributed File System	*A FS which allows multiple clients to simultaniously access data*
FUSE	FileSystem in UserSpace	*Loadbale kernal module for unix-like OSs that allows non priveledged users to create their own FSs without editing Kernal code*
glusterd		*Gluster management daemon that runs on all servers in the pool*
Meta-Data		*Data which proivdes info about one or more other pieces of data*

Terminology (cont)

RAID	Redundant Array of Inexpensive Disks	*Combines multiple physical disks into a logical disk, most commonly for redundancy, however can also be for performance*
RRDNS	Round Robin Domain Name Service	*Distributes load across application servers. Implemented by creating multiple A Records with the same name and different IPs in the zone file of a DNS Server*
Trusted Storage Pool		*Trusted Network of storage servers*
UserSpace		*Application running in UserSpace don't interact directly with the HW, instead interacting via the Kernal. UserSpace apps are usually more portable than KernalSpace apps. Gluster is a UserSpace app*
Volume		*Logical collection of Bricks*
Vol File	.vol File	*Config file used by the glusterfs process. Usually located at /var/lib/glusterd/vols/volume-name/*

Terminology (cont)

Client	*Machine which mounts the volume*
Server	*Machine which hosts the FS where the data is stored*
Source:	https://gluster.readthedocs.io/en/latest/Quick-Start-Guide/Terminologies/

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