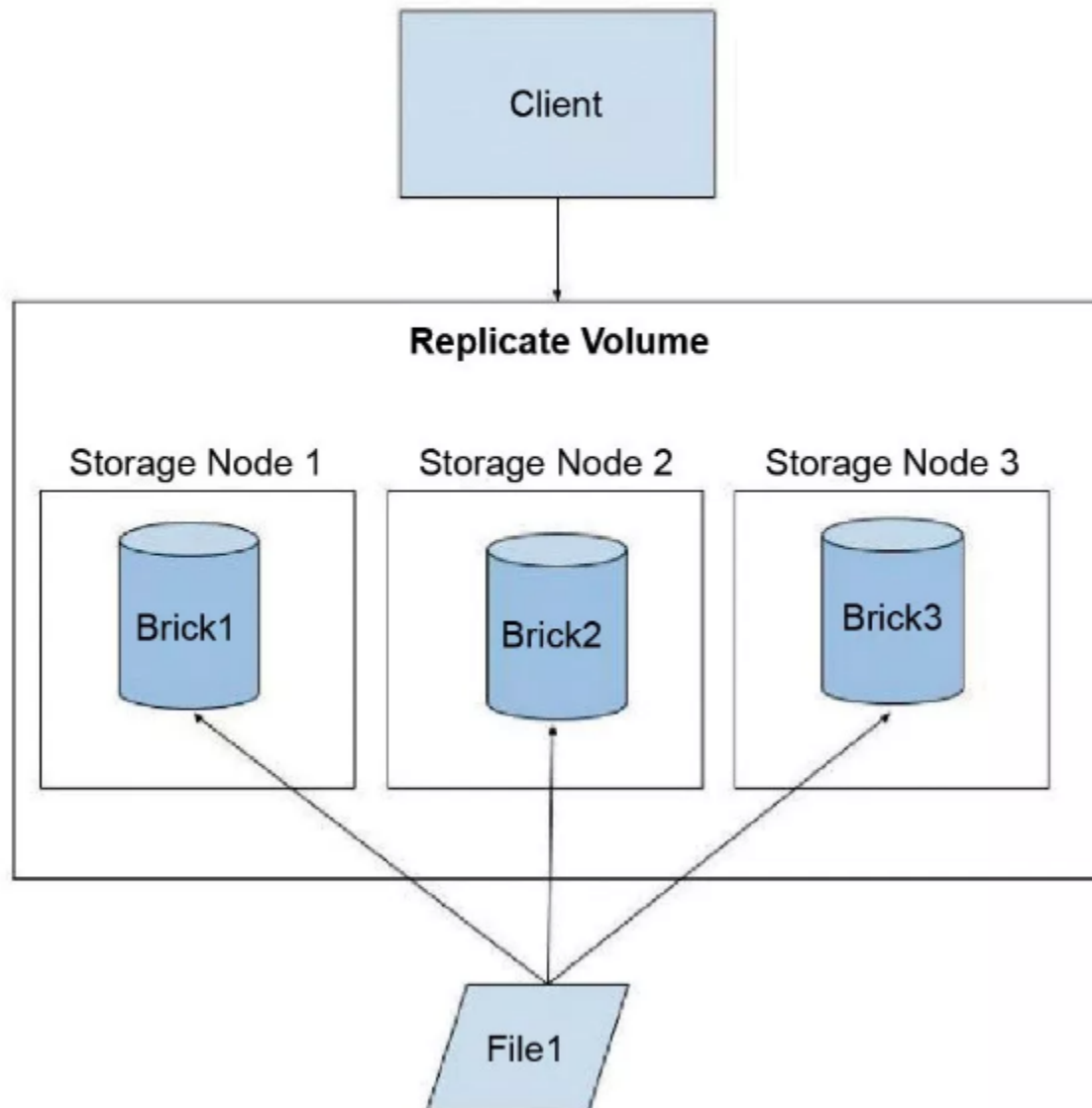


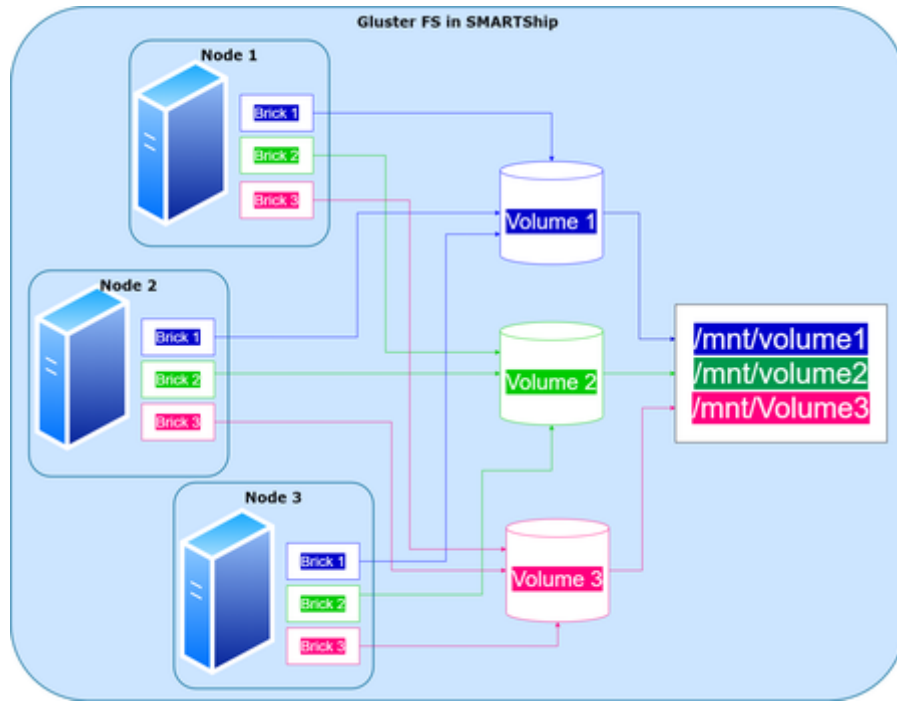
Gluster FS Testing

Purpose

To store and share the latest configuration files(and others) of different services in SMARTShip especially in the docker environment.

Schematic Diagram





Terms

| Term | Definintion |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gluster | Open source software scalable network |
| Brick | A Brick is the basic unit of storage in GlusterFS, represented by an export directory on a server in the trusted storage pool. |
| Fuse | Filesystem in Userspace (FUSE) is a loadable kernel module for Unix-like computer operating systems that lets non-privileged users create their own file systems without editing kernel code. This is achieved by running file system code in user space while the FUSE module provides only a "bridge" to the actual kernel interfaces. |
| Node | A server or computer that hosts one or more bricks. |

References

| Term | Reference |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gluster FS Vs. Ceph | https://www.ionos.com/digitalguide/server/know-how/glusterfs-vs-ceph/ |
| | |