

# glusterfs

- [glusterfs vagrant POC](#)

## links

- <https://docs.gluster.org/en/latest/Quick-Start-Guide/Quickstart/>
- <https://kifarunix.com/install-and-setup-glusterfs-on-ubuntu-18-04/>
- <https://www.cyberciti.biz/faq/howto-add-new-brick-to-existing-glusterfs-replicated-volume/>
- <https://www.osradar.com/install-and-configure-glusterfs-debian-10/>
- [https://www.server-world.info/en/note?os=Debian\\_10&p=glusterfs&f=1](https://www.server-world.info/en/note?os=Debian_10&p=glusterfs&f=1)
- [https://www.server-world.info/en/note?os=Debian\\_10&p=glusterfs&f=4](https://www.server-world.info/en/note?os=Debian_10&p=glusterfs&f=4)
- <https://docs.gluster.org/en/latest/CLI-Reference/cli-main/>
- <https://docs.gluster.org/en/latest/Install-Guide/Install/>

## logs

- <https://docs.gluster.org/en/latest/Administrator%20Guide/Logging/>
- [https://rajeshjoseph.gitbooks.io/test-guide/content/cluster/chap-Managing\\_Gluster\\_Logs.html](https://rajeshjoseph.gitbooks.io/test-guide/content/cluster/chap-Managing_Gluster_Logs.html)
- logrotation config: <https://www.jamescoyle.net/how-to/807-advanced-glusterfs-log-rotation>
  - `/etc/logrotate.d/glusterfs-common`
- force logrotation: <https://www.jamescoyle.net/how-to/679-simple-glusterfs-log-rotation>

- `gluster volume info all | grep "Volume Name"`

- `gluster volume log rotate VOL_NAME [BRICK]:`

```
sudo gluster volume log rotate gv0 processing1:/exports/sdb1/brick1
```

- `/var/log/glusterfs/bricks/exports-sdb1-brick1.log`

## commands

- `/etc/init.d/glusterfs-server status`
- config files: `/var/lib/glusterd`

## generals

```
sudo gluster help
```

```
glusterfs --version
```

```
glusterfs 3.4.2 built on Jan 14 2014 18:05:35
Repository revision: git://git.gluster.com/glusterfs.git
Copyright (c) 2006-2013 Red Hat, Inc. <http://www.redhat.com/>
GlusterFS comes with ABSOLUTELY NO WARRANTY.
It is licensed to you under your choice of the GNU Lesser
```

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## volumes

```
sudo gluster volume info
```

```
Volume Name: gv0
Type: Replicate
Volume ID: 39159af2-8a53-44f0-9379-43b86370302a
Status: Started
Number of Bricks: 1 x 2 = 2
Transport-type: tcp
Bricks:
Brick1: processing1:/exports/sdb1/brick1
Brick2: processing2:/exports/sda1/brick1
```

```
sudo gluster vol status
```

```
Status of volume: gv0
```

| Gluster process                        | Port | Online | Pid    |
|----------------------------------------|------|--------|--------|
| Brick processing1:/exports/sdb1/brick1 |      | 49152  | Y 2130 |
| Brick processing2:/exports/sda1/brick1 |      | 49152  | Y 1822 |
| NFS Server on localhost                | 2049 | Y      | 2119   |
| Self-heal Daemon on localhost          |      | N/A Y  | 2125   |
| NFS Server on processing2              | 2049 | Y      | 1829   |
| Self-heal Daemon on processing2        |      | N/A Y  | 1821   |

```
There are no active volume tasks
```

```
gluster volume start gv0
```

```
gluster volume list
```

## logs

- `gluster volume log locate <VOLNAME>`

← no funciona encara que apareix a la documentació

- `gluster volume log rotate <VOLNAME> <BRICK>`

## peers

- o TSP = Trusted Server Pool:

```
gluster pool list
```

- afegir un nou node (ja configurat):

```
gluster peer probe <HOSTNAME>
```

- treure node:

```
gluster peer detach <HOSTNAME>
```

- status dels nodes:

```
gluster peer status
```

From:

<https://matebcn.eu/> - miguel angel torres egea

Permanent link:

<https://matebcn.eu/linux:filesystem:glusterfs>

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