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=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
- 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
```

```
General Public License, version 3 or any later version (LGPLv3
or later), or the GNU General Public License, version 2 (GPLv2),
in all cases as published by the Free Software Foundation.
```

volums

```
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:
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Permanent link:
https://matebcn.eu/linux:filesystem:glusterfs

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