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Gluster Command / Perintah Dasar Gluster

Daftar Gluster Command atau perintah dasar gluster kami tulis disini secara lengkap beserta penjelasannya

1. Melihat Versi GlusterFS

```
glusterfsd --version
```

Hasil yang keluar

```
glusterfs 3.7.6 built on Nov  9 2015 15:19:41
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.
```

Probe Commands

1. Mengecek Koneksi Server

```
gluster peer probe HOSTNAME
```

2. Memutus Koneksi Server

```
peer detach HOSTNAME
```

3. Melihat Total Peer

Peer artinya total server yang terhubung di glusterfs

```
gluster peer status
```

Hasilnya

```
Number of Peers: 1  
  
Hostname: stor2  
Uuid: f10c357e-34ef-4a48-a674-f960309f417f  
State: Peer in Cluster (Connected)
```

Hasil diatas menandakan terdapat 1 server terhubung dengan nama stor2.

4. Mengecek Status Koneksi per Server

```
gluster --remote-host=HOSTNAME peer status
```

Volume Command

1. Membuat Volume Baru

```
gluster volume create nama_volume hostname:/path/.brick/
```

anda bisa menggunakan fungsi force untuk memaksakan pembuatan volume contoh seperti ini

```
gluster volume create nama_volume hostname:/path/.brick/ force
```

2. Menghapus Volume

```
gluster delete NAMA_VOLUME
```

3. Menjalankan Volume

```
gluster volume start nama_volume
```

4. Menghentikan Volume

```
gluster volume stop nama_volume
```

5. Merubah Nama Volume

```
gluster volume rename NAMA_VOLUME NAMA_BARU_VOLUME
```

6. Menampilkan Semua Volume

```
gluster volume info all
```

7. Menampilkan Volume tertentu

```
gluster volume info nama_volume
```

8. Menampilkan Status Volume

```
gluster volume status nama_volume
```

9. Menampilkan Status Klien Terkoneksi Volume

```
gluster volume status VOLUME_NAME clients
```

Brick Command

1. Menambah Brick

```
volume add-brick VOLNAME NEW-BRICK
```

2. Mengganti Brick

```
gluster volume replace-brick VOLNAME (BRICK NEW-BRICK) start | pause | abort  
| status
```

3. Menghapus Brick Pada Volume Tertentu

```
gluster volume remove-brick VOLNAME [(replica COUNT)|(stripe COUNT)] BRICK
```

Rebalance Commands

1. Menjalankan Rebalance / Sinkronisasi Volume

```
gluster volume rebalance VOLNAME start
```

2. Menghentikan Proses Rebalance / Sinkronisasi

```
gluster volume rebalance VOLNAME stop
```

3. Melihat Status Rebalance

```
gluster volume rebalance VOLNAME status
```

Log Command

1. Membuat Log Baru

```
gluster volume log filename VOLNAME [BRICK] DIRECTORY
```

2. Melihat Lokasi log

```
volume log locate VOLNAME [BRICK]
```

3. Log Rotate

```
volume log rotate VOLNAME [BRICK]
```

Mount

1. Mounting Gluster Volume

```
mount -t glusterfs HOSTNAME:/VOLUME_NAME /mount/path
```

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