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GlusterFS Quick Start

<http://gluster.readthedocs.org/en/latest/Quick-Start-Guide/Quickstart/>

- CentOS 7
- GlusterFS 2 가
- GlusterFS 가
- GlusterFS OS 가

- GlusterFS 2 gluster1, gluster2
- GlusterFS 가 가 EPEL Repository
- GlusterFS Gluster.org Repository

OS

OS 가 CentOS 7 gluster1, gluster2

Repository

GlusterFS 가 가 EPEL Repository . ::gluster1,
gluster2

```
[root@gluster1 ~]# yum -y install
https://dl.fedoraproject.org/pub/epel/epel-release-latest-7.noarch.rpm
```

GlusterFS Gluster.org Repository . repo /etc/yum.repos.d
repo . ::gluster1, gluster2

```
[root@gluster1 ~]# cd /etc/yum.repos.d/
[root@gluster1 ~]# wget
http://download.gluster.org/pub/gluster/glusterfs/LATEST/CentOS/glusterfs-ep
el.repo
```

GlusterFS-server

```
[root@gluster1 ~]# yum install glusterfs-server
```

가 Gluster

```
[root@gluster1 ~]# systemctl start glusterd
[root@gluster1 ~]# systemctl status glusterd
glusterd.service - GlusterFS, a clustered file-system server
  Loaded: loaded (/usr/lib/systemd/system/glusterd.service; disabled)
  Active: active (running) since Wed 2015-07-29 14:15:48 KST; 8s ago
    Process: 2270 ExecStart=/usr/sbin/glusterd -p /var/run/glusterd.pid
   (code=exited, status=0/SUCCESS)
 Main PID: 2271 (glusterd)
 CGroup: /system.slice/glusterd.service
         └─2271 /usr/sbin/glusterd -p /var/run/glusterd.pid
```

```
Jul 29 14:15:48 gluster1 systemd[1]: Starting GlusterFS, a clustered file-  
system server...  
Jul 29 14:15:48 gluster1 systemd[1]: Started GlusterFS, a clustered file-  
system server.
```

Gluster

Gluster

. Gluster

/etc/hosts

```
127.0.0.1    localhost localhost.localdomain localhost4  
localhost4.localdomain4  
::1          localhost localhost.localdomain localhost6  
localhost6.localdomain6
```

```
192.168.74.133  gluster1  
192.168.74.134  gluster2
```

/etc/hosts

```
[root@gluster1 ~]# gluster peer probe gluster2  
peer probe: success.
```

Peer

GlusterFS

```
[root@gluster1 ~]# gluster volume create gv01 replica 2  
gluster1:/data/brick01 gluster2:/data/brick01 force  
volume create: gv01: success: please start the volume to access data  
  
[root@gluster1 ~]# gluster volume info  
Volume Name: gv01  
Type: Replicate  
Volume ID: e586cf4-f75a-4c87-afa7-2c643cee0eca  
Status: Created  
Number of Bricks: 1 x 2 = 2  
Transport-type: tcp  
Bricks:  
Brick1: gluster1:/data/brick01  
Brick2: gluster2:/data/brick01  
Options Reconfigured:  
performance.readdir-ahead: on
```

GlusterFS “gv01” replica 2 brick

```
[root@gluster1 ~]# gluster volume start gv01
```

GlusterFS

GlusterFS 가 가

GlusterFS

가 EPEL Gluster.org repository가

```
[root@gluster0 ~]# yum -y install glusterfs-client
```

가 GlusterFS

```
[root@gluster0 glusterfs]# mount -t glusterfs gluster1:/gv01 /mnt
```

```
[root@gluster0 glusterfs]# df -h  
Filesystem               Size   Used   Avail   Use%   Mounted on  
/dev/mapper/centos-root   19G   1.1G   18G   6%   /  
devtmpfs                 233M   0   233M   0%   /dev  
tmpfs                 242M   0   242M   0%   /dev/shm  
tmpfs                 242M   4.5M   237M   2%   /run  
tmpfs                 242M   0   242M   0%   /sys/fs/cgroup  
/dev/sda1               497M   162M   336M   33%   /boot
```

gluster1:/gv01

18G 1.2G 17G 7% /mnt

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