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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

가 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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