

GlusterFS Quick Start

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OS

Repository

GlusterFS-server

Gluster

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— 2015/07/29 16:53

GlusterFS Quick Start

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

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

- 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 . repo /etc/yum.repos.d
. :!gluster1, gluster2
```

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

GlusterFS-server

```
gluster2 . . :!gluster1,
```

```
[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: e586cfd4-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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