— 2015/07/29 16:53

GlusterFS Quick Start

http://gluster.readthedocs.org/en/latest/Quick-Start-Guide/Quickstart/
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- CentOS 7 .
- GlusterFS 2 .
- GlusterFS .
- GlusterFS OS .
 .

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

OS

OS CentOS 7 gluster1, gluster2 .

Repository

GlusterFS 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-ep
el.repo
```

GlusterFS-server

. :!:gluster1, gluster2   .

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

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: 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   .

GlusterFS   .

EPEL   Gluster.org repository   .

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

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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