现在有四台服务器10.16.57.1-4 每台服务器有一个磁盘/dev/sdm 2T盘，不需要分区直接格式化成xfs然后进行挂载，现在要做一个2\*2的gfs，相当于raid10，挂载到windows服务器上，需要用到samba服务，下面是具体过程

Yum install glusterfs-server samba-glusterfs samba xfsprogs

Systemctl start glusterd

现在有4台机子，需要创建一个volume 并且使用samba来管理

在所有机子上执行

mkfs.xfs -f /dev/sdm

Echo '/dev/sdm /data/sdm xfs defaults 0 0' >> /etc/fstab

mount -a

在1 上执行

gluster peer probe 10.16.57.2

gluster peer probe 10.16.57.3

gluster peer probe 10.16.57.4

[root@Yw-Gluster-01 samba]# gluster peer status

Number of Peers: 3

Hostname: 10.16.57.4

Uuid: 0342741d-9e3e-4285-b4f6-fea0a14d3651

State: Peer in Cluster (Connected)

Hostname: 10.16.57.2

Uuid: 0ab4356c-f17c-42f8-b2c9-e37410bc890a

State: Peer in Cluster (Connected)

Hostname: 10.16.57.3

Uuid: d1aaaba9-bac9-41a4-af8c-03ed023fb652

State: Peer in Cluster (Connected)

现在创建卷

gluster volume create editorial\_system\_share stripe 2 replica 2 10.16.57.2:/data/sdm/editorial\_system\_share 10.16.57.1:/data/sdm/editorial\_system\_share 10.16.57.3:/data/sdm/editorial\_system\_share 10.16.57.4:/data/sdm/editorial\_system\_share

启动

gluster volume start editorial\_system\_share

[root@Yw-Gluster-01 samba]# gluster volume status

Status of volume: editorial\_system\_share

Gluster process Port Online Pid

------------------------------------------------------------------------------

Brick 10.16.57.2:/data/sdm/editorial\_system\_share 49152 Y 23808

Brick 10.16.57.1:/data/sdm/editorial\_system\_share 49152 Y 24927

Brick 10.16.57.3:/data/sdm/editorial\_system\_share 49152 Y 28344

Brick 10.16.57.4:/data/sdm/editorial\_system\_share 49152 Y 26943

NFS Server on localhost 2049 Y 24942

Self-heal Daemon on localhost N/A Y 24948

NFS Server on 10.16.57.3 N/A N N/A

Self-heal Daemon on 10.16.57.3 N/A Y 28365

NFS Server on 10.16.57.4 N/A N N/A

Self-heal Daemon on 10.16.57.4 N/A Y 26964

NFS Server on 10.16.57.2 N/A N N/A

Self-heal Daemon on 10.16.57.2 N/A Y 23829

Task Status of Volume editorial\_system\_share

------------------------------------------------------------------------------

There are no active volume tasks

在smb文件下增加下面内容

[root@Yw-Gluster-01 samba]# cat /etc/samba/smb.conf

[gluster-editorial\_system\_share]

comment = For samba share of volume editorial\_system\_share

vfs objects = glusterfs

glusterfs:volume = editorial\_system\_share

glusterfs:logfile = /var/log/samba/glusterfs-editorial\_system\_share.%M.log

glusterfs:loglevel = 7

path = /

read only = no

guest ok = yes

workgroup = root

netbios name = root

browseable = yes

writeable = yes

[gluster-chief\_yfb]

comment = For samba share of volume chief\_yfb

vfs objects = glusterfs

glusterfs:volume = chief\_yfb

glusterfs:logfile = /var/log/samba/glusterfs-chief\_yfb.%M.log

glusterfs:loglevel = 7

path = /

read only = no

guest ok = no

workgroup = chief

netbios name = chief

browseable = yes

writeable = yes

增加smb用户并设置密码

[root@Yw-Gluster-01 ~]# useradd chief -M -s /sbin/nologin

[root@Yw-Gluster-01 ~]# smbpasswd -a chief

New SMB password:

Retype new SMB password:

Added user chief.

[root@Yw-Gluster-01 samba]# smbpasswd -a

New SMB password:

Retype new SMB password:

mount.cifs //10.16.57.1/data /mnt -o username=root,password=pdmi1234

[root@Yw-Gluster-01 samba]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/sda5 419G 3.6G 395G 1% /

tmpfs 16G 68K 16G 1% /dev/shm

/dev/sda1 190M 32M 148M 18% /boot

/dev/sda2 99G 60M 94G 1% /home

/dev/sdm 3.7T 33M 3.7T 1% /data/sdm

//10.16.57.1/data 7.3T 65M 7.3T 1% /mnt

[root@10.60.10.27 /backup]$ smbpasswd test

New SMB password:

Retype new SMB password:

Failed to find entry for user test.

Failed to modify password entry for user test

说明是没有该用户，请使用 -a 参数

OPTIONS

       -a

           This option specifies that the username following should be added to the local smbpasswd file, with the new

           password typed (type <Enter> for the old password). This option is ignored if the username following

           already exists in the smbpasswd file and it is treated like a regular change password command. Note that

           the default passdb backends require the user to already exist in the system password file (usually

           /etc/passwd), else the request to add the user will fail.

           This option is only available when running smbpasswd as root.

解决方法：

加参数‘-a’：

# smbpasswd  -a 用户即可

*来自 <*[*http://blog.sina.com.cn/s/blog\_6eee53080100u26x.html*](http://blog.sina.com.cn/s/blog_6eee53080100u26x.html)*>*