GlusterFS - Commands

: http://itscom.org/archives/4573

Volume

```
[root@localhost ~] # gluster
        □ volume info all  □ volume info
gluster> volume info V_dist

        □ volume create       [stripe <count> [transport <tcp>] <NEW-BRICK>
gluster> volume create V_stripe stripe 2 transport tcp gstor1:/data/st1
gstor2:/data/st1

        □ volume delete       (                    volume stop              )
gluster> volume delete V_replica

        □ volume start       [force]
gluster> volume start V_dist

        □ volume stop       [force]
gluster> volume stop V_dist

        □ volume add-brick       [<stript|replica> <count>] <NEW-BRICK>
[force]
gluster> volume add-brick V_dist gstor1:/data/dist3

        □ volume remove-brick       [replica <count>]
[start|stop|status|commit|force]
gluster> volume remove-brick V_dist gstor1:/data/dist3 force

        □ volume rebalance       [fix-layout] {start|stop|status} [force]
gluster> volume rebalance V_dist start

        □ volume replace-brick       <BRICK> <NEW-BRICK> {start
[force]|pause|abort|status|commit [force]}
gluster> volume replace-brick V_dist gstor1:/data/dist gstor1:/data/dist1
start
gluster> volume replace-brick V_dist gstor1:/data/dist gstor1:/data/dist1
status
gluster> volume replace-brick V_dist gstor1:/data/dist gstor1:/data/dist1
commit force

        □ volume set       <KEY> <VALUE>
gluster> volume set

        □ volume sync <       > [all|      ]
```

```
gluster> volume sync


        □ volume reset      [   ] [force]
gluster> volume reset V_dist


         □ volume profile       {start|stop|info [nfs]}
gluster> volume profile V_dist start
gluster> volume profile V_dist info


        □ volume quota       {enable|disable|list [<path> ...]|remove
<path>| default-soft-limit <percent>}
#     mkdir /var/run/gluster        .
gluster> volume quota V_dist enable


        □ volume quota       {limit-usage <path> <size> [<percent>]}
gluster> volume quota V_dist limit-usage


        □ volume quota       {alert-time|soft-timeout|hard-timeout}
{<time>}
#


    top □ volume top       {open|read|write|opendir|readdir|clear}
[nfs|brick <brick>] [list-cnt <value>]
gluster> volume top V_dist open


    top □ volume top       {read-perf|write-perf} [bs <size> count <count>]
[brick <brick>] [list-cnt <value>]


        □ volume status [all | <VOLNAME> [nfs|shd|<BRICK>|quotad]]
[detail|clients|mem|inode|fd|callpool|tasks ]
gluster> volume status all
```

Peer

```
[root@localhost ~]# gluster
          □ peer probe
peer probe gstor1


          □ peer detach
gluster> peer detach gstor1 force


        □ peer status
gluster> peer status
```

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