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GlusterFS Cheat Sheet

The following gives a quick overview on the different GlusterFS administration tools.

Add/Remove Peers

```
# Add peer
gluster peer probe <host name>

# Remove peer
gluster peer detach <host name>
```

Print Cluster Status

You can list the status of all known peers by running.

```
gluster peer status
```

Print all GlusterFS Volumes

```
gluster volume info all
```

Mounting Volumes

You can do standard Unix mounting

```
mount -t glusterfs server1:/volume /mnt/volume
```

which has the disadvantage of specifying one server IP. If this server is down you can't mount the volume even though it is available. What is importa to know is that the given server is only used to fetch a volume info file, which itself lists all servers providing this volume. So the volume info file doesn need to be on the volume servers. Also remember as with NFS consider noatime mount options when you have many small files accessed often.

Problems on Ubuntu 12.04

When adding GlusterFS share to /etc/fstab do not forget to add "_netdev" to the mount options. Otherwise on next boot your system will just hang!

Actually there doesn't seem to be a timeout. That would be nice too.