Using username "root".

root@192.168.0.112's password:

[root@NFS-SERVER ~]# service nfs start

Starting NFS services: [ OK ]

Starting NFS quotas: [ OK ]

Starting NFS mountd: [ OK ]

Stopping RPC idmapd: [ OK ]

Starting RPC idmapd: [ OK ]

Starting NFS daemon: [ OK ]

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host0/scan

[root@NFS-SERVER ~]# fdisk -l

Disk /dev/sda: 21.5 GB, 21474836480 bytes

255 heads, 63 sectors/track, 2610 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00038ead

Device Boot Start End Blocks Id System

/dev/sda1 \* 1 64 512000 83 Linux

Partition 1 does not end on cylinder boundary.

/dev/sda2 64 2611 20458496 8e Linux LVM

Disk /dev/sdb: 10.7 GB, 10737418240 bytes

255 heads, 63 sectors/track, 1305 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/sdc: 21.5 GB, 21474836480 bytes

255 heads, 63 sectors/track, 2610 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/VolGroup-lv\_root: 16.7 GB, 16684941312 bytes

255 heads, 63 sectors/track, 2028 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/VolGroup-lv\_swap: 4261 MB, 4261412864 bytes

255 heads, 63 sectors/track, 518 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host1/scan

[root@NFS-SERVER ~]# fdisk -l

Disk /dev/sda: 21.5 GB, 21474836480 bytes

255 heads, 63 sectors/track, 2610 cylinders

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Disk identifier: 0x00000000

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host1/scan

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host0/scan

[root@NFS-SERVER ~]# fdisk -l

Disk /dev/sda: 21.5 GB, 21474836480 bytes

255 heads, 63 sectors/track, 2610 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

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Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host1/scan

[root@NFS-SERVER ~]# echo "- - - "> /sys/class/scsi\_host/host2/scan

[root@NFS-SERVER ~]# fdisk -l

Disk /dev/sda: 21.5 GB, 21474836480 bytes

255 heads, 63 sectors/track, 2610 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

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Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/sdd: 10.7 GB, 10737418240 bytes

255 heads, 63 sectors/track, 1305 cylinders

Units = cylinders of 16065 \* 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

[root@NFS-SERVER ~]# mkdir /shareAuto

[root@NFS-SERVER ~]# mkfs.ext4 /dev/sdd

mke2fs 1.41.12 (17-May-2010)

/dev/sdd is entire device, not just one partition!

Proceed anyway? (y,n) y

Filesystem label=

OS type: Linux

Block size=4096 (log=2)

Fragment size=4096 (log=2)

Stride=0 blocks, Stripe width=0 blocks

655360 inodes, 2621440 blocks

131072 blocks (5.00%) reserved for the super user

First data block=0

Maximum filesystem blocks=2684354560

80 block groups

32768 blocks per group, 32768 fragments per group

8192 inodes per group

Superblock backups stored on blocks:

32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632

Writing inode tables: done

Creating journal (32768 blocks): done

Writing superblocks and filesystem accounting information: done

This filesystem will be automatically checked every 27 mounts or

180 days, whichever comes first. Use tune2fs -c or -i to override.

[root@NFS-SERVER ~]# mount -t ext4 /dev/sdd /shareAuto

[root@NFS-SERVER ~]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.4G 12G 23% /

tmpfs 948M 224K 948M 1% /dev/shm

/dev/sda1 485M 36M 424M 8% /boot

/dev/sdc 20G 172M 19G 1% /userData

/dev/sr0 3.0G 3.0G 0 100% /media/RHEL\_6.4 i386 Disc 1

/dev/sdd 9.9G 151M 9.2G 2% /shareAuto

[root@NFS-SERVER ~]# vim /etc/fstab

[root@NFS-SERVER ~]# umount -a

umount: /userData: device is busy.

(In some cases useful info about processes that use

the device is found by lsof(8) or fuser(1))

umount: /dev/shm: device is busy.

(In some cases useful info about processes that use

the device is found by lsof(8) or fuser(1))

umount: /: device is busy.

(In some cases useful info about processes that use

the device is found by lsof(8) or fuser(1))

[root@NFS-SERVER ~]# mount -a

[root@NFS-SERVER ~]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.4G 12G 23% /

tmpfs 948M 224K 948M 1% /dev/shm

/dev/sdc 20G 172M 19G 1% /userData

/dev/sda1 485M 36M 424M 8% /boot

/dev/sdd 9.9G 151M 9.2G 2% /shareAuto

[root@NFS-SERVER ~]#