Using username "root".

root@192.168.0.114's password:

Last login: Thu Nov 10 03:38:29 2016 from 192.168.0.16

[root@nfs-client2 ~]# vi /etc/hosts

[root@nfs-client2 ~]# ping nfs-server

PING NFS-SERVER (192.168.0.112) 56(84) bytes of data.

64 bytes from NFS-SERVER (192.168.0.112): icmp\_seq=1 ttl=64 time=4.59 ms

64 bytes from NFS-SERVER (192.168.0.112): icmp\_seq=2 ttl=64 time=0.553 ms

^C

--- NFS-SERVER ping statistics ---

2 packets transmitted, 2 received, 0% packet loss, time 1994ms

rtt min/avg/max/mdev = 0.553/2.576/4.599/2.023 ms

[root@nfs-client2 ~]# ping nfs-client2

^C

[root@nfs-client2 ~]# vi /etc/hosts

[root@nfs-client2 ~]# ping nfs-client2

PING NFS-CLIENT2 (192.168.0.114) 56(84) bytes of data.

64 bytes from NFS-CLIENT2 (192.168.0.114): icmp\_seq=1 ttl=64 time=1.56 ms

64 bytes from NFS-CLIENT2 (192.168.0.114): icmp\_seq=2 ttl=64 time=0.047 ms

^C

--- NFS-CLIENT2 ping statistics ---

2 packets transmitted, 2 received, 0% packet loss, time 1359ms

rtt min/avg/max/mdev = 0.047/0.807/1.567/0.760 ms

[root@nfs-client2 ~]# vim /etc/auto.master

[root@nfs-client2 ~]# vim /etc/auto.client2

[root@nfs-client2 ~]# showmount -e nfs-server

Export list for nfs-server:

/shareAuto \*

/userData \*

[root@nfs-client2 ~]# vim /etc/auto.client2

[root@nfs-client2 ~]# vim /etc/auto.client2

[root@nfs-client2 ~]# service autofs restart

Stopping automount: [ OK ]

Starting automount: [ OK ]

[root@nfs-client2 ~]# cd /shareAuto

-bash: cd: /shareAuto: No such file or directory

[root@nfs-client2 ~]# cd shareAuto

-bash: cd: shareAuto: No such file or directory

[root@nfs-client2 ~]# rpm -qa |grep autofs

libsss\_autofs-1.9.2-82.el6.i686

autofs-5.0.5-73.el6.i686

[root@nfs-client2 ~]# cd shareAuto

-bash: cd: shareAuto: No such file or directory

[root@nfs-client2 ~]# cd /shareAuto

-bash: cd: /shareAuto: No such file or directory

[root@nfs-client2 ~]# cat /etc/auto.client2

/shareAuto -rw,soft,intr nfs-server:/shaareAuto

[root@nfs-client2 ~]# vim /etc/auto.client2

[root@nfs-client2 ~]# service autofs restart

Stopping automount: [ OK ]

Starting automount: [ OK ]

[root@nfs-client2 ~]# cd /shareAuto

[root@nfs-client2 shareAuto]# ls

aa bb cc dd lost+found

[root@nfs-client2 shareAuto]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareAuto

9.9G 151M 9.2G 2% /shareAuto

[root@nfs-client2 shareAuto]# cd ..

[root@nfs-client2 /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareAuto

9.9G 151M 9.2G 2% /shareAuto

[root@nfs-client2 /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

[root@nfs-client2 /]# cd /shareAuto

[root@nfs-client2 shareAuto]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareAuto

9.9G 151M 9.2G 2% /shareAuto

[root@nfs-client2 shareAuto]# cd ..

[root@nfs-client2 /]# cd ..

[root@nfs-client2 /]# mkdir shareData

[root@nfs-client2 /]# cd /shareData

[root@nfs-client2 shareData]# mkdir a

[root@nfs-client2 shareData]# mkdir b

[root@nfs-client2 shareData]# mkdir c

[root@nfs-client2 shareData]# mkdir d

[root@nfs-client2 shareData]# cd ..

[root@nfs-client2 /]# rm -rf shareData

[root@nfs-client2 /]# vim /etc/auto.master

[root@nfs-client2 /]# vim /etc/auto.client2

[root@nfs-client2 /]# cat /etc/auto.master

#

# Sample auto.master file

# This is an automounter map and it has the following format

# key [ -mount-options-separated-by-comma ] location

# For details of the format look at autofs(5).

#

/misc /etc/auto.misc

#

# NOTE: mounts done from a hosts map will be mounted with the

# "nosuid" and "nodev" options unless the "suid" and "dev"

# options are explicitly given.

#

/net -hosts

#

# Include central master map if it can be found using

# nsswitch sources.

#

# Note that if there are entries for /net or /misc (as

# above) in the included master map any keys that are the

# same will not be seen as the first read key seen takes

# precedence.

#

+auto.master

/- /etc/auto.client2 --timeout=30

/shareData1 /etc/auto.client3

[root@nfs-client2 /]# vim /etc/auto.client3

[root@nfs-client2 /]# service autofs restart

Stopping automount: [ OK ]

Starting automount: [ OK ]

[root@nfs-client2 /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

[root@nfs-client2 /]# cd /shareData1/a

[root@nfs-client2 a]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 a]# cd ..

[root@nfs-client2 shareData1]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 shareData1]# cd ..

[root@nfs-client2 /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 /]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 /]# vim /etc/auto.master

[root@nfs-client2 /]# service autofs restart

Stopping automount: [ OK ]

^[[AStarting automount: [ OK ]

[root@nfs-client2 /]# cd /shareData1/a

[root@nfs-client2 a]# df -h\

> ^C

[root@nfs-client2 a]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 a]# cd ..

[root@nfs-client2 shareData1]# ls

[root@nfs-client2 shareData1]# cd b

[root@nfs-client2 b]# ls

a b c d

[root@nfs-client2 b]# ls

a b c d

[root@nfs-client2 b]# cd ..

[root@nfs-client2 shareData1]# cd c

[root@nfs-client2 c]# cd ..

[root@nfs-client2 shareData1]# cd d

-bash: cd: d: No such file or directory

[root@nfs-client2 shareData1]# vim /etc/networks

[root@nfs-client2 shareData1]# vim /etc/hostname

[root@nfs-client2 shareData1]# vim /etc/hosts

[root@nfs-client2 shareData1]# cd a

[root@nfs-client2 a]# df -h

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/VolGroup-lv\_root

16G 3.3G 12G 23% /

tmpfs 948M 76K 948M 1% /dev/shm

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

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

nfs-server:/shareData1/

16G 3.4G 12G 23% /shareData1/a

[root@nfs-client2 a]#