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Network File Share

Install on Server

```
apt-get install nfs-kernel-server nfs-common portmap
```

Install on Client

```
apt-get install nfs-common portmap
```

Config on the server:

```
vi /etc/exports
/home 195.12.32.2(rw,no_root_squash) www.first.com(ro)
/usr 195.12.32.2/24(ro,insecure)
```

```
exportfs -a //read in /etc/exports file
```

Config on the Client:

```
vi /etc/fstab
195.12.32.1:/home /home nfs rw,rsize=4096,wsiz=4096,hard,intr,async,nodev,nosuid 0 0
195.12.32.2:/usr /usr nfs ro,rsize=8192,hard,intr,nfsvers=3,tcp,noatime,nodev,async 0 0
```

```
nfs.host.com:/home /home nfs hard,intr,rsize=16384,wsiz=16384,posix,tcp 0 2
//the above is the line used on compsoc nfs. async is default!
```

To mount a nfs drive with the options in /etc/fstab:

NFS

```
mount /home
//or mount /nfsname
//or better yet - after making a change to /etc/fstab etc.:
mount -oremount /home
```

Tips

```
showmount -e ip_or_server_name
#shows what mounts a server is exporting.
```

<http://www.debian-administration.org/users/colabus/weblog/1>

<http://www.debianhelp.co.uk/nfs.htm>