joe@nfss:~$ sudo apt-get install nfs-kernel-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  keyutils libgssglue1 libnfsidmap2 libtirpc1 nfs-common rpcbind
Suggested packages:
  open-iscsi watchdog
The following NEW packages will be installed:
  keyutils libgssglue1 libnfsidmap2 libtirpc1 nfs-common nfs-kernel-server rpcbind
0 upgraded, 7 newly installed, 0 to remove and 172 not upgraded.
Need to get 460 kB of archives.
After this operation, 2,049 kB of additional disk space will be used.
Do you want to continue? [Y/n]
joe@nfss:~$ echo "Is it running?"
Is it running?
joe@nfss:~$
joe@nfss:~$ echo "try to start the service"
try to start the service
joe@nfss:~$
joe@nfss:~$ sudo service nfs-kernel-server start
* Not starting NFS kernel daemon: no exports.
joe@nfss:~$ echo "we need to define what to export"
we need to define what to export
joe@nfss:~$
joe@nfss:/etc$ sudo vi exports
#!/etc/exports: the access control list for filesystems which may be exported to NFS clients. See exports(5).

# Example for NFSv2 and NFSv3:
# /srv/ homes hostname1(rw,sync,no_subtree_check) hostname2(ro,sync,no_subtree_check)

# Example for NFSv4:
# /srv/nfs4 gss/krb5i(rw,sync,fsid=0,crossmnt,no_subtree_check)
# /srv/nfs4/homes gss/krb5i(rw,sync,no_subtree_check)

# /data/images will be the directory that we want to share
# 144.xx.yy.zz is the host that we allow to share it
# followed by various options
/data/images 144.38.220.211(rw,sync,no_subtree_check)
joe@nfss:/etc$ echo "make the directory"
made the directory
joe@nfss:/etc$
joe@nfss:/etc$ sudo mkdir -p /data/images
joe@nfss:/etc$ echo "Now lets see if it will start"
Now lets see if it will start
joe@nfss:/etc$
joe@nfss:/etc$ sudo service nfs-kernel-server start
* Exporting directories for NFS kernel daemon...
[ OK ]
* Starting NFS kernel daemon
[ OK ]
joe@nfss:/etc$ echo "YAY!"
YAY!
joe@nfss:/etc$
If it doesn't start, go back and fix something
joe@nfss:/var/lib/nfs$ cd
joe@nfss:~$ cat /var/lib/nfs/etab/data/images 144.38.220.211(rw,sync,wdelay,hide,nocrossmnt,secure,root_squash,no_all_squash,no_subtree_check,secure_locks,acl,anonuid=65534,anongid=65534,sec=sys,rw,root_squash,no_all_squash)
joe@nfss:~$
joe@nfss:~$ cd /data/images/
joe@nfss:/data/images$ ls -la
total 8
drwxr-xr-x 2 root root 4096 Jan 20 13:12 .
drwxr-xr-x 3 root root 4096 Jan 20 13:12 ..
joe@nfss:/data/images$ sudo touch MADE_ON_SERVER
joe@nfss:/data/images$ ls -la
total 8
drwxr-xr-x 2 root root 4096 Jan 20 13:15 .
drwxr-xr-x 3 root root 4096 Jan 20 13:12 ..
-rw-r--r-- 1 root root 0 Jan 20 13:15 MADE_ON_SERVER
joe@nfss:/data/images$ echo "We just created a file on the server"
We just created a file on the server
joe@nfss:/data/images$