Steps for NFS Server Configuration

- Install NFS packages

 # yum install nfs-utils libnfsidmap ***(most likely they are installed)***

- Once the packages are installed, enable and start NFS services

 # systemctl enable rpcbind

 # systemctl enable nfs-server

 # systemctl start rpcbind, nfs-server, rpc-statd, nfs-idmapd

- Create NFS share directory and assign permissions

 # mkdir /mypretzels

 # chmod a+rwx /mypretzels

- Modify **/etc/exports** file to add new shared filesystem

 # /mypretzels 192.168.12.7(rw,sync,no_root_squash) = for only 1 host

 # /mypretzels *(rw,sync,no_root_squash) = for everyone

- Export the NFS filesystem

 # exportfs -rv

- Stop and disable firewalld

 # systemctl stop firewalld

 # systemctl disable firewalld

Steps for NFS Client Configuration

- Install NFS packages

 # yum install nfs-utils rpcbind

- Once the packages are installed enable and start rpcbind service

 # systemctl rpcbind start

- Make sure firewalld or iptables stopped (if running)

 # ps –ef | egrep "firewall|iptable"

- Show mount from the NFS server

 # showmount -e 192.168.1.5 (NFS Server IP)

- Create a mount point

 # mkdir /mnt/kramer

- Mount the NFS filesystem

 # mount 192.168.1.5:/mypretzels /mnt/kramer

- Verify mounted filesystem

 # df –h

- To unmount

 # umount /mnt/kramer