

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|iptables"

- 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