**NFS**

**Server configuration :**

[ Install NFS package ]

# yum install nfs-utils

[ Create a directory in /root location]

# mkdir /root/raj

[ Get into the directory ]

# cd /root/raj

[ Create few files]

# touch file{1..5}

# ls

[ Add the share path in /etc/exports file ]

# vi /etc/exports

[..]

/root/raj \*(rw,sync)

[or]

/root/raj <IP Address>(rw,sync)

[or]

/root/raj <Network ID>(rw,sync)

:wq

[ Make sure to start rpcbind service first and then start NFS service]

# systemctl start rpcbind

# systemctl start nfs

[ Allow nfs, rpc-bind, mountd services in firewall ]

# firewall-cmd --permanent --add-service=nfs

# firewall-cmd --permanent --add-service=rpc-bind

# firewall-cmd --permanent --add-service=mountd

[ Reload the firewall ]

# systemctl reload firewalld

[ Enable the export ]

# exportfs -v

[ check for the shared path in NFS]

# showmount -e

[ Add read write permissions to /root/raj directory ]

# chmod o+rw /root/raj

**Client configuration :**

[ Install NFS package ]

# yum install nfs-utils

[ Check for the shared path in server from client ]

# showmount -e <Server IP address>

[ Create a directory ]

# mkdir kumar

[ Mount the server shared path to a directory ‘kumar’ in client]

# mount <server IP address>:/root/raj client

[ Get into the directory ]

# cd client

# ls

[ Create few files and directories in mount point, which reflects in server]

# touch file6

# mkdir d1

Note: You can even permanently mount in /etc/fstab. While doing, make the mount point as NFS type.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* finish \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*