Network File System : it allow users to access files over a network also it is a client-server architecture , where the server exports dir to clients & client can mount the exported dir

***** Server Side Configuration**

1. Package install with yum

Nfs-utils
libnfsidmap

 # check if the package is already available

Rpm -qa l grep nfs

 # if nfs-utils not available than use nfs-kernel-server

2. Start the services

#nfs-server

#rpcbind
#rpc-statd
#nfs-idmapd

Systemctl start serviceName

3. Create a directory which we want to share in root path

4. Modify permission (full rwx)

5. Modify the /etc/exports file & add new shared file

6. Export the modify file

7. Stop the firewall

Commands :

3. Mkdir -p /server/apps
4. sudo Chmod 777 apps & chmod

777 server , Check the permission ls -ld
5. sudo Vim /etc/exports

Add :

SharedDirPath IP(rw,sync,no_root_squash)

6. Exportfs -rv

**** Client Side Configuration**

1. Install the package

 # nfs-utils
#rpcbind

2. Start the Services

#nfs-server

#rpcbind

3. Stop the firewall

Sytemctl stop firewalld.service

4. To check if any mount point from nfs server

Showmount -e <serverIp>

5. Create directory & give permissions

6. Mount the nfs file system

 # mount serverIP:SharedPath ClientPath

7 . Check if mounted

Df -h

Project : nfs on windows-linux

(Samba service)