Install and configure NFS server

i) Install NFS server component package on server X and NFS client component on client machine Y

->sudo apt update

Install the NFS server package
->sudo apt install nfs-kernel-server

Create the directory to be shared
->sudo mkdir /sample

Setting the permissions for the directory
->sudo chown nobody:nogroup /sample
->sudo chmod 777 /sample

Edit the NFS exports file
->sudo nano /etc/exports
Add the line in above file
/sample 65.0.27.81(rw,sync,no_subtree_check)
->sudo exportfs –a

Restart the NFS server
->sudo systemctl restart nfs-kernel-server

Check the status of the NFS server
->sudo systemctl status nfs-kernel-server

ii) Export folder /sample from NFS server X which should be available to client machine Y only. No other client should be able to access /sample

->sudo apt update

Install the NFS client package
->sudo apt install nfs-common

Create a mount point(Folder)
->sudo mkdir /mnt

Mount the NFS share (IP address of server 13.234.122.91)
->sudo mount 13.234.122.91:/sample /mnt

iii) Mount exported nfs folder to the client machine Y on /mnt (client machine) and create folder, files inside mount point /mnt - troubleshoot if you are not able to create folder or files inside mount point /mnt

We can verify the mount & can see the NFS share mounted at /mnt
->df –h

Creating folder & file inside mount point on Client Machine
->cd /mnt
->sudo mkdir test_folder
->sudo touch test_file.txt