

COSA

Assignment - 06

Date:-04/11/2022

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2. Install and configure NFS server and export “/home” directory with read write permissions
a. Mount the NFS server exported directory in clients b. Configure client for mount the NFS server exported directory automatically when system starts

INSTALL THE NFS SERVER

Step-1 :- NFS installation

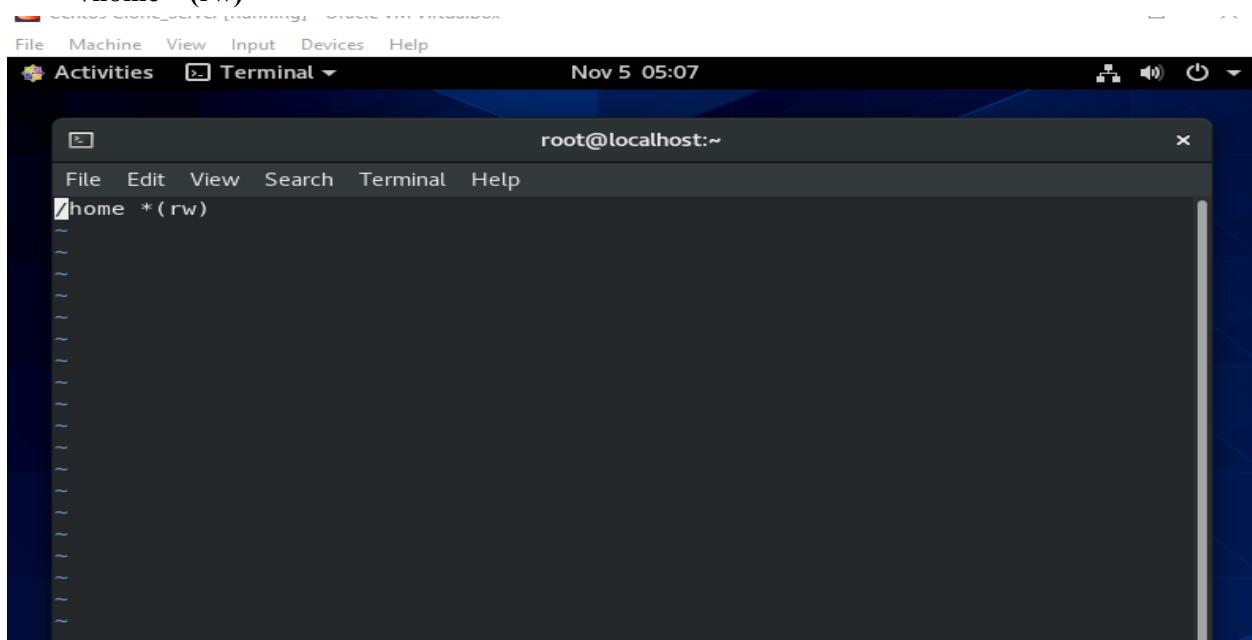
Cmd:- #dnf install nfs-utils

```
[root@localhost ~]# dnf install nfs-utils
Last metadata expiration check: 23:23:51 ago on Fri 04 Nov 2022 05:41:56 AM EDT.
Package nfs-utils-1:2.3.3-57.el8.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@localhost ~]#
```

Step-2:- Configure NFS to share /home directory

Cmd:-

```
#vi /etc/exports
/home *(rw)
```



Step- 3:- restart

Cmd:- #systemctl restart nfs-server.service

Then reboot

```
[root@localhost ~]# vi /etc/exports  
[root@localhost ~]# systemctl restart nfs-server.service  
[root@localhost ~]#
```

CONFIGURE NFS CLIENT

Step -1:- NFS client

**Cmd:- # ls /home
#mount -t nfs 192.168.3.137:/home /home**

Then reboot

Step-2:- Initialize NIS domain master

**Cmd :- # vi /etc/fstab
192.168.3.137:/home /home nfs defaults 0 0**

Then reboot

```
[root@localhost ~]# mount -t nfs 192.168.3.137:/home /home  
[root@localhost ~]# vi /etc/fstab  
[root@localhost ~]#
```