23 Sept, 2024 - Monday

> ACL:

- → setfacl Set file access control list
 - It is use to give multiple user access on one file.
 - [root@localhost ~]# mount -a acl,remount /
 - [root@localhost ~]# setfacl -m u:mayank:rwx p_file.txt
 - [root@localhost ~]# setfacl -m u:deepak:r p_file.txt

→ To check ACL:

[root@localhost ~]# getfacl p_file.txt

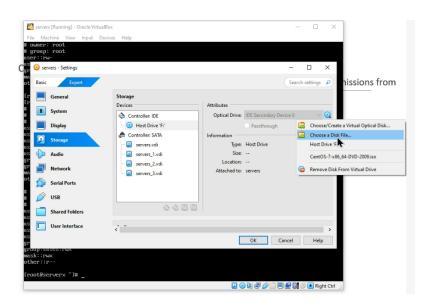
\rightarrow To give same ACL to different file:

[root@localhost ~]# getfacl p_file.txt | setfacl --set-file=p_file1.txt

➤ Mount .iso file, install Apache web server and allow that service using firewall.

\rightarrow Insert .iso file:

- o Select 'Machine' menu of server.
- o Select Storage.
- o Inside Controller iDE select Dropdown near Optical drive
- Select 'Choose a disk file'.
- o Select centos .iso file.
- o Ok & Apply



- → In CLI of CentOS: [To open: ctl + alt +f2 & close: ctl + alt + f1]
 - o To Mount:
 - [root@localhost ~]#mount /dev/sr0 /mnt
 - [root@localhost ~]#ls -l /mnt

- \rightarrow Open Terminal in CentOS:
 - Application => System Tool => Terminal
 - [root@localhost ~]#cd /etc/yum.repos.d
 - [root@localhost yum.repos.d]#ls –l
 - o To remove all .repo files:
 - [root@localhost yum.repos.d]#rm -f *.repo

- Create new repo file:
 - [root@localhost yum.repos.d]# vi local.repo
 - In VI editor, Press 'i' to insert and write the below content:
 - [local.repo]

name=centosrepo

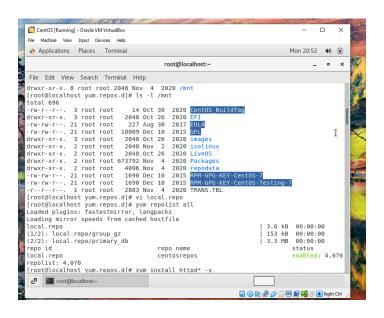
baseurl=file:///mnt

enable=1

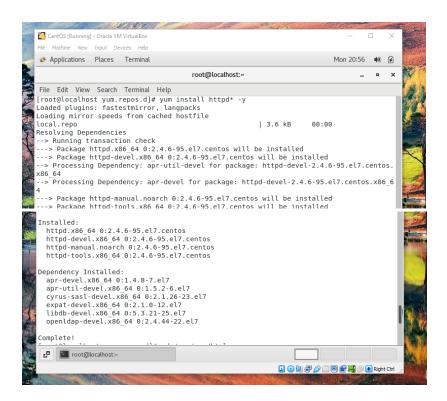
gpgcheck=1

gpgkey=file:///mnt/RPM-GPG-KEY-CentOS-7

- To exit: ESC + :wq
- [root@localhost yum.repos.d]# yum repolist all
- OUTPUT: "enabled:4070"



- To install Apache web server:
 - [root@localhost yum.repos.d]# yum install httpd* -y
 - OUTPUT: "Complete!"



o To confirm it:

- [root@localhost yum.repos.d]# cd /var/www/html
- [root@localhost yum.repos.d]# cd ~
- [root@localhost ~]#

- \rightarrow Allow service by using Firewall:
 - [root@localhost ~]# firewall-cmd -add-service=httpd -zone=public --permanent
 - o OUTPUT: "Success"
 - o [root@localhost ~]# firewall-cmd --reload
 - OUTPUT: "Success"



- [root@localhost ~]# systemctl start httpd
- [root@localhost ~]# systemctl enable httpd
- [root@localhost ~]# systemctl status httpd
- → Try running last 3 command until you get output like: activate (running)

