

LINUX - DAY 05

USER COMMANDS:

`useradd username` : used to add user in linux machine

`cat /etc/passwd` : used to get list of users in linux

`su - username` : used to login into the user

`passwd username` : used to set a password to user

`frontlinesmedia:x:1001:1001::/home/frontlinesmedia:/bin/bash`

`frontlinesmedia` : used name

`x` : password

`1001` : UserID

`1001` : GroupID

`home/frontlinesmedia` : path → one folder will gets created in home directory

`/bin/bash` : it stores the executable commands

`id username` : used to get UID, GID & Groups of the user

`userdel username` : used to delete the user

but if we delete user using the above command, user will gets deleted but the directory will not gets delete, to overcome this we are using `-r`

`userdel -r username` : deletes the user along with the folder

`useradd -e yyyy-mm-dd username` : creating user along with the expiry date

`chage -l username` : used to get full info about the user

`groupadd groupname` : used to add a group in linux machine

groupdel groupname : used to delete group

PERMISSION COMANDS:

rw-r--r-- = 644

r : read : 4

w : write : 2

x : execute : 1

hyphen(-) : nothing : 0

USER PERMISSIONS : rw-

4 + 2 + 0 = 6

GROUP PERMISSIONS: r--

4 + 0 + 0 = 4

OTHERS PERMISSIONS: r--

4 + 0 + 0 = 4

EX:

rwX = 7

r-X = 5

--X = 1

--- = 0

-w- = 2

rw- = 6

CHANGING PERMISSIONS TO THE FILE:

chmod : is a command used to change permission of a file/folder

chmod 777 filename : used to change permissions of a file

chmod +x filename : used to add executable permissions to existing permissions to a file

chmod -R 777 foldername : used to change the permissions of a folder and files that are present in inside the folder

CHANGING OWNERS TO THE FILE:

chown username filename : used to change owner(user) of the file

chgrp groupname filename : used to change group of the file

chown username:groupname filename : both user and group will change at a time