NETWORKING & SYSTEM ADMINISTRATION LAB

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>
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>
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>
> **Date: 25/04/2022**

Experiment No.: 3

Aim

Familiarization of the linux commands.

Procedure

59. sudo useradd

This command is used to perform admin privileges.

Syntax :- $ sudo useradd <username>

Output :-

60. sudo passwd

This command is used to provide password to the user.

Syntax :- $ sudo passwd <username>

Output :-

61. sudo groupadd -g

This command is used to create a group.

Syntax :- $ sudo groupadd -g <id> <groupname>

Output :-

```
mca@S47:~$ sudo groupadd -g 47 MCA-B
mca@S47:~$ sudo groupadd -g 47 MCA-B
```

62. sudo usermod -G

This command is used to add user to a particular group.

Syntax :- $ sudo usermod -G <groupname> <username>

Output :-

```
mca@S47:~$ sudo usermode -G MCA-B upas
sudo: usermode: command not found
mca@S47:~$ sudo usermod -G MCA-B upas
```

63. id

This command is used to display to which group the specified user exist.

Syntax :- $ id <username>

Output:-

```
mca@S47:~$ id upas
uid=1004(upas) gid=1005(upas) groups=1005(upas),47(MCA-B)
mca@S47:~$ 
```

64. compgen -g

This command is used to display all the groups that has been created.

Syntax :- $ compgen -g

Output :-

```
systemd-network
systemd-resolve
input
crontab
syslog
messagebus
netdev
mlocate
ssl-cert
uuidd
avahi-autoipd
bluetooth
rtkit
ssh
lpadmin
whoopsie
scanner
saned
pulse
pulse-access
avahi
colord
geoclue
gdm
mca
sambashare
mysql
student
android
mongodb
exam
upas
MCA-B
MCA-A
MCA-C
```

65. sudo userdel

This command is used to delete a particular user.

Syntax :- $ sudo userdel <username>

Output :-

```
mca@S47:~$ sudo userdel upas
```

66. sudo groupdel

This command is used to delete a particular group.

Syntax :- $ sudo groupdel <groupname>

Output :-

```
mca@S47:~$ sudo groupdel MCA-C
```

67. compgen -g <groupname>

This command is used to display all the related groups with the name provided.

Syntax :- $ compgen -g <groupname>

Output :-

```
mca@S47:~$ compgen -g MCA-B
MCA-B
```

68. chmod +rwx

This command is used to allow the specified file to modify.

Syntax :- $ chmod +rwx <filename>

Output :-

```
mca@S47:~$ chmod +rwx a4.txt
```

69. chmod -rwx

This command is used to deny the modification of the specified file.
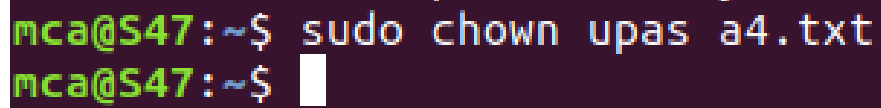
Syntax :- $ chmod -rwx <filename>

Output :-

```
mca@S47:~$ chmod -rwx a4.txt
mca@S47:~$ cat >>a4.txt
bash: a4.txt: Permission denied
mca@S47:~$ 
```

70. sudo chown

This command is used to change the owner of a file.

Syntax :- $ sudo chown <username> <filename>

Output :-

```
mca@S47:~$ sudo chown upas a4.txt
mca@S47:~$
```