Day 07

User Administration

Definition

   User administration involves managing individual user accounts on a system,including tasks such as Creating Modifying and deleting user accounts, setting password policies,assigning permissions and privileges to users.

1.User and Passwd will Creating

```
[root@localhost ~]# useradd actor
[root@localhost ~]# passwd actor
Changing password for user actor.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```

2.Passwd will removing

```
[root@localhost ~]# passwd -d actor
Removing password for user actor.
passwd: Success
```

3.Passwd has been Changing

```
[root@localhost ~]# passwd actor
Changing password for user actor.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
```

4.Passwd has been Locking

```
[root@localhost ~]# passwd -l actor
Locking password for user actor.
passwd: Success
[root@localhost ~]# passwd -S actor
actor LK 2024-05-09 0 99999 7 -1 (Password locked.)
```

5.passwd has been unlocking

```
[root@localhost ~]# passwd -uf actor
Unlocking password for user actor.
passwd: Success
[root@localhost ~]# passwd -S actor
actor PS 2024-05-09 0 99999 7 -1 (Password set, unknown crypt variant.)
```

6.User information has been Checking

```
[root@localhost ~]# cat /etc/passwd
```
```
tcpdump:x:72:72::/:/sbin/nologin
systemd-oom:x:978:978:systemd Userspace OOM Killer:/:/usr/sbin/nologin
gowthaman:x:1000:1000:gowthaman:/home/gowthaman:/bin/bash
jan:x:1001:1001::/home/jan:/bin/bash
feb:x:1002:1002::/home/feb:/bin/bash
march:x:1003:1003::/home/march:/bin/bash
gowtham01:x:1005:1005::/home/gowtham01:/bin/bash
master:x:1006:1006::/home/master:/bin/bash
dad:x:1007:1007::/home/dad:/bin/bash
nan:x:1008:1008::/home/nan:/bin/bash
myfile:x:1009:1009::/home/myfile:/bin/bash
mango:x:1010:1010::/home/mango:/bin/bash
apple:x:1011:1011::/home/apple:/bin/bash
actor:x:1012:1012::/home/actor:/bin/bash
```

7.passwd information has been Checking

```
[root@localhost ~]# cat /etc/shadow
```
```
jan:$y$j9T$35dNRVS4AV.3Oo05XRqGC0$osngO9ex1vueHiqcMYTp0ZhL.JWlwJgaJL7L2MdFCN2:19852:0:99999:7:
::
feb:$y$j9T$JDNXKTnTY6tOkssaKOXmB.$i8TLesr3XeAI5PxdtEJlulQkiAGaydS0YforVemdMSD:19852:0:99999:7:
::
march:$y$j9T$q8SpMcuLeL4xS6w0S4P.K/$3tFJuVMTY.Q4/iwBMznTbff/0Qm/eUvi/YeMjbPt5q3:19852:0:99999:
7:::
gowtham01:!!:19852:0:99999:7:::
master:!!!:19852:0:99999:7:::
dad:!!!:19852:0:99999:7:::
nan:!!$y$j9T$oy2nQBNUB7bwLRMRayKmo1$o.s6kQ261HZ814kvrrmlY.JiGw1PqoYb2/msfN48pxC:19852:0:99999:
7:::
myfile:!!!:19852:0:99999:7:::
mango:!!!:19852:0:99999:7:::
apple:!!!:19852:0:99999:7:::
actor:$y$j9T$1hRqP2iPDC7IGpgYBK2fB1$VvY.W7DRFEP.cFVoW0UgQJfH1Dj7Nz9SUuGWsjUn1wB:19852:0:99999:
7:::
```

8.To delete an users account with its home directory and mail directory

```
[root@localhost ~]# userdel -r actor
march:x:1003:1003::/home/march:/bin/bash
gowtham01:x:1005:1005::/home/gowtham01:/bin/bash
master:x:1006:1006::/home/master:/bin/bash
dad:x:1007:1007::/home/dad:/bin/bash
nan:x:1008:1008::/home/nan:/bin/bash
myfile:x:1009:1009::/home/myfile:/bin/bash
mango:x:1010:1010::/home/mango:/bin/bash
apple:x:1011:1011::/home/apple:/bin/bash
english:x:1013:1013::/home/english:/bin/bash
mass:x:1014:1014::/home/mass:/bin/bash
methods:x:1015:1015::/home/methods:/bin/bash
```

amma:x:1019:1019::/home/amma:/bin/bash

Username: amma
Passwd ref to shadow:x:
Uid: 1019
Gid :1019
comment:
Home dire:/home/amma:
Login shell : /bin/bash

Change the uid
1.usermod -u 4545 amma

```
amma:x:4545:1019::/home/amma:/bin/bash
```

2.groupmod -g 4545 amma

```
amma:x:4545:4545::/home/amma:/bin/bash
```

3.command -c today amma

```
amma:x:4545:4545:today:/home/amma:/bin/bash
```

4.usermod -d directory has been changed

```
[root@localhost ~]# mkdir /raja
[root@localhost ~]# usermod -d /raja amma
[root@localhost ~]# cat /etc/passwd
amma:x:4545:4545:today:/raja:/bin/zash
```

5.usermod -s shells has been changed

```
[root@localhost ~]# usermod -s /bin/zash amma
usermod: Warning: missing or non-executable shell '/bin/zash'
[root@localhost ~]# cat /etc/passwd
amma:x:4545:4545:today:/home/amma:/bin/zash
```