Red Hat System Administration I

Lab2

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Mansoura Open Source

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1. Create a user account with the following attribute
username: islam
Fullname/comment: Islam Askar
Password: islam

First we should go to root (or we can use sudo)

su - → go to the root

usradd (userid (sys)) (groupid (sys)) comment   home dir   username
(login=shell (sys))

useradd -c "Islam Askar" -md /home/islam islam

passwd islam → to change password

```
[nada_mohamed2243@localhost ~]$ su -
Password:
[root@localhost ~]# useradd -c "islam Askar" -md /home/islam islam
[root@localhost ~]# cat /etc/passwd
```

```
nada_mohamed2243:x:1000:1000:nada_mohamed2243:/home/nada_mohamed2243:/bin/bash
islam:x:1001:1001:islam Askar:/home/islam:/bin/bash
```

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

2. Create a user account with the following attribute
Username: baduser.
Full name/comment: Bad User.
Password: baduser.

```
[root@localhost ~]# useradd -c "Bad User" -md /home/baduser baduser
[root@localhost ~]# tail -1 /etc/passwd
baduser:x:1002:1002:Bad User:/home/baduser:/bin/bash
[root@localhost ~]# passwd baduser
Changing password for user baduser.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]#
```

3. Create a supplementary (Secondary) group called pgroup with group ID of 30000.

```
[root@localhost ~]# groupadd -g 30000 pgroup
```

4. Create a supplementary group called badgroup.

```
[root@localhost ~]# groupadd badgroup
[root@localhost ~]# tail -3 /etc/group
baduser:x:1002:
pgroup:x:30000:
badgroup:x:30001:
```

5. Add islam user to the pgroup group as a supplementary group.

```
[root@localhost ~]# usermod -G pgroup islam
[root@localhost ~]# id islam
uid=1001(islam) gid=1001(islam) groups=1001(islam),30000(pgroup)
```

6. Modify the password of islam's account to password.

```
[root@localhost ~]# passwd islam
Changing password for user islam.
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]#
```

7. Modify islam's account so the password expires after 30 days.

```
[root@localhost ~]# chage -M 30 islam
[root@localhost ~]# tail -5 /etc/shadow
dnsmasq:!!:20080::::::
tcpdump:!!:20080::::::
nada_mohamed2243:$6$XCcFU5s1E2jUv406$LS7mOoHZq1TarUoylmFpNFNY.QFEPQEsVQLMMD1U9HYqo.1aXleVSlWmMqQ0XW9b.K.CwgvH3hl2f1X3
ZzULM0:20080:0:99999:7:::
islam:$6$rounds=100000$n79BdEgJ3lkcZFD3$ZE4fNpwPSQUJKCUVvanLyrbHQlZpNHVWc/KA/LpPrRR3F05h3S6gxDpofIWd37ytT9ZO7VGpkT5Pn
eWp.EgoE1:20081:0:30:7:::
```

8. Lock bad user account so he can't log in.

```
[root@localhost ~]# usermod -L baduser
```

9. Delete bad user account.
(without delete home directory if we want to delete that also → userdel -r baduser)

```
[root@localhost ~]# userdel baduser
```

10. Delete the supplementary group called badgroup.

```
[root@localhost ~]# groupdel badgroup
[root@localhost ~]# tail /etc/group
gdm:x:42:
gnome-initial-setup:x:983:
slocate:x:21:
chrony:x:982:
sshd:x:74:
dnsmasq:x:981:
tcpdump:x:72:
nada_mohamed2243:x:1000:
islam:x:1001:
pgroup:x:30000:islam
```