

Linux Lab 2

Amgad Mohammed Mohammed Mohammed Shalaby

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1 and 2. Create a user account with the following attribute:

```
amgad@amgad-virtual-machine:~$ sudo useradd -c "Islam Askar" -m -s /bin/bash islam
am
amgad@amgad-virtual-machine:~$ sudo passwd islam
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
Sorry, passwords do not match.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
amgad@amgad-virtual-machine:~$ sudo useradd -c "Bad User" -m -s /bin/bash baduser
amgad@amgad-virtual-machine:~$ sudo passwd baduser
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
```

1. 3. Create a supplementary (Secondary) group called pgroup with group ID of 30000.
4. Create a supplementary group called badgroup
5. Add islam user to the pgroup group as a supplementary group
6. Modify the password of islam's account to password
7. Modify islam's account so the password expires after 30 days

```
amgad@amgad-virtual-machine:~$ sudo groupadd -g 30000 pgroup
amgad@amgad-virtual-machine:~$ sudo groupadd badgroup
amgad@amgad-virtual-machine:~$ sudo usermod -aG pgroup islam
amgad@amgad-virtual-machine:~$ sudo passwd islam
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a dictionary word
Retype new password:
passwd: password updated successfully
amgad@amgad-virtual-machine:~$ sudo chage -M 30 islam
amgad@amgad-virtual-machine:~$ sudo chage -l islam
Last password change          : 2023 , 18 أكت
Password expires              : 2023 , 17 نوف
Password inactive              : never
Account expires               : never
Minimum number of days between password change : 0
Maximum number of days between password change : 30
Number of days of warning before password expires : 7
```

2. 8. Lock bad user account so he can't log in . 9. Delete bad user account

```
amgad@amgad-virtual-machine:~$ sudo usermod -L baduser
amgad@amgad-virtual-machine:~$ sudo userdel -r baduser
userdel: baduser mail spool (/var/mail/baduser) not found
amgad@amgad-virtual-machine:~$ sudo userdel baduser
userdel: user 'baduser' does not exist
```

3. 10. Delete the supplementary group called badgroup.

```
amgad@amgad-virtual-machine:~$ sudo groupdel badgroup
amgad@amgad-virtual-machine:~$ getent group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:syslog,amgad
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:
fax:x:21:
voice:x:22:
cdrom:x:24:amgad
floppy:x:25:
```

