

Examen Antony Edward Montiel Contreras

```
pedro@Redes08: ~  
plugdev:x:46:adair  
staff:x:50:  
games:x:60:  
users:x:100:  
nogroup:x:65534:  
system-journal:x:101:  
system-network:x:102:  
system-resolve:x:103:  
system-timesync:x:104:  
crontab:x:105:  
messagebus:x:106:  
input:x:107:  
lvm:x:108:  
render:x:109:  
syslog:x:110:  
tss:x:111:  
uiddd:x:112:  
tcpdump:x:113:  
ssh:x:114:  
landscape:x:115:  
faupd-refresh:x:116:  
admin:x:117:  
netdev:x:118:adair  
lxd:x:119:  
systemd-coredump:x:999:  
adair:x:1000:  
deveOps:x:1005:  
mysql:x:120:  
adair@Redes08:~$ sudo groupadd TeamScrum  
adair@Redes08:~$ sudo adduser  
adduser: Only one or two names allowed.  
adair@Redes08:~$ sudo adduser alicia  
Adding user 'alicia' ...  
Adding new group 'alicia' (1001) ...  
Adding new user 'alicia' (1001) with group 'alicia' ...  
Creating home directory '/home/alicia' ...  
Copying files from '/etc/skel' ...  
New password:  
Retype new password:  
passwd: password updated successfully  
Changing the user information for alicia  
Enter the new value, or press ENTER for the default  
Full Name []: Alicia Isabel Contreras Oleedo  
Room Number []: 8  
Work Phone []: 5534598934  
Home Phone []: 5588302283  
Other []: amontielc807.uaenex.mx  
Is the information correct? [Y/n] y  
adair@Redes08:~$ sudo usermod -l  
Home Phone []: 5588302283  
Other []: amontielc807.uaenex.mx  
Is the information correct? [Y/n] y  
adair@Redes08:~$ sudo usermod -l  
usermod: option requires an argument -- 'l'  
Usage: usermod [options] LOGIN  
Options:  
-b, --badnames          allow bad names  
-c, --comment COMMENT   new value of the GECOS field  
-d, --home HOME_DIR     new home directory for the user account  
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE  
-f, --inactive INACTIVE set password inactive after expiration  
                        to INACTIVE  
-g, --gid GROUP          force use GROUP as new primary group  
-G, --groups GROUPS     new list of supplementary GROUPS  
-a, --append             append the user to the supplemental GROUPS  
                        mentioned by the -G option without removing  
                        the user from other groups  
-h, --help              display this help message and exit  
-L, --login NEW_LOGIN   new value of the login name  
-l, --lock              lock the user account  
-m, --move-home         move contents of the home directory to the  
                        new location (use only with -d)  
-o, --non-unique         allow using duplicate (non-unique) UID  
-p, --password PASSWORD use encrypted password for the new password  
-R, --root CHROOT_DIR   directory to chroot into  
-P, --prefix PREFIX_DIR prefix directory where are located the /etc/* files  
-s, --shell SHELL       new login shell for the user account  
-u, --uid UID            new UID for the user account  
-U, --unlock            unlock the user account  
-v, --add-subuids FIRST-LAST add range of subordinate uids  
-V, --del-subuids FIRST-LAST remove range of subordinate uids  
-w, --add-subgids FIRST-LAST add range of subordinate gids  
-W, --del-subgids FIRST-LAST remove range of subordinate gids  
-Z, --selinux-user SEUSER new SELinux user mapping for the user account  
adair@Redes08:~$ sudo usermod -l  
usermod: option requires an argument -- 'l'  
Usage: usermod [options] LOGIN  
Options:  
-b, --badnames          allow bad names  
-c, --comment COMMENT   new value of the GECOS field  
-d, --home HOME_DIR     new home directory for the user account  
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE  
-f, --inactive INACTIVE set password inactive after expiration  
                        to INACTIVE  
-g, --gid GROUP          force use GROUP as new primary group
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pedro@Redes08: ~$ man usermod
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE
-f, --inactive INACTIVE set password inactive after expiration
to INACTIVE
-g, --gid GROUP force use GROUP as new primary group
-G, --groups GROUPS new list of supplementary GROUPS
-a, --append append the user to the supplemental GROUPS
mentioned by the -G option without removing
the user from other groups
-h, --help display this help message and exit
-l, --login NEW_LOGIN new value of the login name
-L, --lock lock the user account
-m, --move-home move contents of the home directory to the
new location (use only with -d)
-o, --non-unique allow using duplicate (non-unique) UID
-p, --password PASSWORD use encrypted password for the new password
-r, --root CHROOT_DIR directory to chroot into
-P, --prefix PREFIX_DIR prefix directory where are located the /etc/* files
-s, --shell SHELL new login shell for the user account
-u, --uid UID new UID for the user account
-U, --unlock unlock the user account
-v, --add-subuids FIRST-LAST add range of subordinate uids
-V, --del-subuids FIRST-LAST remove range of subordinate uids
-w, --add-subgids FIRST-LAST add range of subordinate gids
-W, --del-subgids FIRST-LAST remove range of subordinate gids
-Z, --selinux-user SEUSER new SELinux user mapping for the user account

adair@Redes08:~$ sudo usermod -c
usermod: option requires an argument -- 'c'
Usage: usermod [options] LOGIN

Options:
-b, --badnames allow bad names
-c, --comment COMMENT new value of the GECOS field
-d, --home HOME_DIR new home directory for the user account
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE
-f, --inactive INACTIVE set password inactive after expiration
to INACTIVE
-g, --gid GROUP force use GROUP as new primary group
-G, --groups GROUPS new list of supplementary GROUPS
-a, --append append the user to the supplemental GROUPS
mentioned by the -G option without removing
the user from other groups
-h, --help display this help message and exit
-l, --login NEW_LOGIN new value of the login name
-L, --lock lock the user account
-m, --move-home move contents of the home directory to the
new location (use only with -d)
-o, --non-unique allow using duplicate (non-unique) UID
-p, --password PASSWORD use encrypted password for the new password
-r, --root CHROOT_DIR directory to chroot into
-P, --prefix PREFIX_DIR prefix directory where are located the /etc/* files
-s, --shell SHELL new login shell for the user account
-u, --uid UID new UID for the user account
-U, --unlock unlock the user account
-v, --add-subuids FIRST-LAST add range of subordinate uids
-V, --del-subuids FIRST-LAST remove range of subordinate uids
-w, --add-subgids FIRST-LAST add range of subordinate gids
-W, --del-subgids FIRST-LAST remove range of subordinate gids
-Z, --selinux-user SEUSER new SELinux user mapping for the user account

adair@Redes08:~$ sudo usermod -c
usermod: option requires an argument -- 'c'
Usage: usermod [options] LOGIN

Options:
-b, --badnames allow bad names
-c, --comment COMMENT new value of the GECOS field
-d, --home HOME_DIR new home directory for the user account
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE
-f, --inactive INACTIVE set password inactive after expiration
to INACTIVE
-g, --gid GROUP force use GROUP as new primary group
-G, --groups GROUPS new list of supplementary GROUPS
-a, --append append the user to the supplemental GROUPS
mentioned by the -G option without removing
the user from other groups
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pedro@Redes08: ~$ man usermod
usermod(8)
new list of supplementary GROUPS
append the user to the supplemental GROUPS
mentioned by the -G option without removing
the user from other groups
display this help message and exit
new value of the login name
lock the user account
move contents of the home directory to the
new location (use only with -d)
allow using duplicate (non-unique) UID
use encrypted password for the new password
directory to chroot into
prefix directory where are located the /etc/* files
new login shell for the user account
new UID for the user account
unlock the user account
add range of subordinate uids
remove range of subordinate uids
add range of subordinate gids
remove range of subordinate gids
new SELinux user mapping for the user account

adair@Redes08:~$ sudo usermod -c
usermod: option requires an argument -- 'c'
Usage: usermod [options] LOGIN

Options:
-b, --badnames                allow bad names
-c, --comment COMMENT        new value of the GECOS field
-d, --home HOME_DIR          new home directory for the user account
-e, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE
-f, --inactive INACTIVE      set password inactive after expiration
to INACTIVE
-g, --gid GROUP               force use GROUP as new primary group
-G, --groups GROUPS          new list of supplementary GROUPS
-a, --append                  append the user to the supplemental GROUPS
mentioned by the -G option without removing
the user from other groups
display this help message and exit
new value of the login name
lock the user account
move contents of the home directory to the
new location (use only with -d)
allow using duplicate (non-unique) UID
use encrypted password for the new password
directory to chroot into
prefix directory where are located the /etc/* files
new login shell for the user account
new UID for the user account

adair@Redes08:~$ sudo usermod -l pedro -d /home/pedro -m alicia
adair@Redes08:~$ sudo usermod -s /dev/null alicia
adair@Redes08:~$ sudo usermod -s /dev/null pedro
adair@Redes08:~$ sudo chage -l pedro
Last password change           : Sep 26, 2025
Password expires               : never
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
adair@Redes08:~$ sudo chage -E 2025-09-26 pedro
adair@Redes08:~$ sudo passwd pedro
New password:
Retype new password:
passwd: password updated successfully
adair@Redes08:~$ sudo su - pedro
Your account has expired; please contact your system administrator
su: Authentication failure
adair@Redes08:~$ sudo chage -E 2025-09-27 pedro
adair@Redes08:~$ sudo passwd pedro
New password:
```

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pedro@Redes08: ~$ su
su: Authentication failure
adair@Redes08:~$ sudo chage -E 2025-09-27 pedro
adair@Redes08:~$ sudo passwd pedro
New password:
Retype new password:
passwd: password updated successfully
adair@Redes08:~$ sudo chage -l pedro
Last password change           : Sep 26, 2025
Password expires               : never
Password inactive              : never
Account expires                : Sep 27, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
adair@Redes08:~$ sudo chage -M 2025-09-26 pedro
chage: invalid numeric argument '2025-09-26'
Usage: chage [options] LOGIN

Options:
  -d, --lastday LAST_DAY      set date of last password change to LAST_DAY
  -E, --expiredate EXPIRE_DATE set account expiration date to EXPIRE_DATE
  -h, --help                  display this help message and exit
  -i, --iso8601               use YYYY-MM-DD when printing dates
  -I, --inactive INACTIVE     set password inactive after expiration
                              to INACTIVE
  -l, --list                  show account aging information
  -m, --mindays MIN_DAYS      set minimum number of days before password
                              change to MIN_DAYS
  -M, --maxdays MAX_DAYS     set maximum number of days before password
                              change to MAX_DAYS
  -R, --root CHROOT_DIR      directory to chroot into
  -W, --warndays WARN_DAYS   set expiration warning days to WARN_DAYS

adair@Redes08:~$ sudo chage -M 0 pedro
adair@Redes08:~$ sudo chage -l pedro
Last password change           : Sep 26, 2025
Password expires               : Sep 26, 2025
Password inactive              : never
Account expires                : Sep 27, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 0
Number of days of warning before password expires : 7
Warning: your password will expire in 0 days
pedro@Redes08:~/home/adair$ sudo nano MyPer25B.txt
[sudo] password for pedro:
pedro is not in the sudoers file. This incident will be reported.
pedro@Redes08:~/home/adair$ nano MyPer25B.txt
pedro@Redes08:~/home/adair$ cat MyPer25B.txt

pedro@Redes08:~$ sudo su pedro
Warning: your password will expire in 0 days
pedro@Redes08:~$ sudo nano MyPer25B.txt
[sudo] password for pedro:
pedro is not in the sudoers file. This incident will be reported.
pedro@Redes08:~/home/adair$ nano MyPer25B.txt
pedro@Redes08:~/home/adair$ cat MyPer25B.txt
cat: MyPer25B.txt: No such file or directory
pedro@Redes08:~/home/adair$ ls
cartas.jpeg:Zone.Identifier  cartas.jpg.jpeg:Zone.Identifier
pedro@Redes08:~/home/adair$ cd /documents
bash: cd: /documents: No such file or directory
pedro@Redes08:~/home/adair$ nano MyPer25B.txt
pedro@Redes08:~/home/adair$ cd ..
pedro@Redes08:~/home$ cd ..
pedro@Redes08:~$ ls
Developer  bin  boot  dev  etc  home  init  lib  lib32  lib64  libx32  lost+found  media  mnt  opt  proc  root  run  sbin  snap  srv  sys  usr  var
pedro@Redes08:~$ cd ..
pedro@Redes08:~$ cd home
pedro@Redes08:~/home$ nano MyPer25B.txt
pedro@Redes08:~/home$ cd usr
bash: cd: usr: No such file or directory
pedro@Redes08:~/home$ cd usr
bash: cd: usr: No such file or directory
pedro@Redes08:~/home$ cd ..
pedro@Redes08:~$ ls
Developer  bin  boot  dev  etc  home  init  lib  lib32  lib64  libx32  lost+found  media  mnt  opt  proc  root  run  sbin  snap  srv  sys  usr  var
pedro@Redes08:~$ cd usr
pedro@Redes08:~/usr$ ls
bin  games  include  lib  lib32  lib64  libexec  libx32  local  sbin  share  src
pedro@Redes08:~/usr$ cd ..
pedro@Redes08:~/home$ cd home
pedro@Redes08:~/home$ ls
CMake  doc  usr  usr25  usr25S  alan  algebra  camy  fisica  geometria  ingles8  pedro  robotica  usuario1  usuario2  usuario3  usuario_completo
pedro@Redes08:~/home$ cd pedro
pedro@Redes08:~/home/pedro$ nano MyPer25B.txt
pedro@Redes08:~/home/pedro$ cat MyPer25B.txt
Antony Edward Montiel Contreras, ICO UAEMEZ CU ZUMPANGO, generacion del blaster, matricula 88, plan educativo actual x0, llevo ingles, graficacion computacional,
administracion de proyectos, sistemas operativos y fisica
pedro@Redes08:~/home/pedro$ nano SisOpe25B.txt
pedro@Redes08:~/home/pedro$ cat SisOpe25B.txt
gestion de procesos
sistemas de archivos
usuarios
grupos
que es un sistema operativo?
pedro@Redes08:~/home/pedro$ cat MyPer25B.txt SisOpe25B.txt > S025B.txt
pedro@Redes08:~/home/pedro$ cat S025B.txt
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