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abel@ubuntu:~$ sudo groupadd engineers
abel@ubuntu:~$ sudo useradd -m -s /bin/bash -c "Developer one" -G engineers devuser1
useradd: warning: the home directory /home/devuser1 already exists.
useradd: Not copying any file from skel directory into it.
abel@ubuntu:~$ sudo useradd -m -d /customhome/devuser2 -G engineers devuser2
useradd: warning: the home directory /customhome/devuser2 already exists.
useradd: Not copying any file from skel directory into it.
abel@ubuntu:~$ cat /etc/passwd |grep devuser
devuser1:x:1001:1002:Developer one:/home/devuser1:/bin/bash
devuser2:x:1002:1003::/customhome/devuser2:/bin/sh
abel@ubuntu:~$ groups devuser1
devuser1 : devuser1 engineers
abel@ubuntu:~$ chage -l devuser1
chage: Permission denied.
abel@ubuntu:~$ sudo chage -l devuser1
Last password change           : Jun 06, 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
abel@ubuntu:~$ sudo -l -U devuser1
User devuser1 is not allowed to run sudo on ubuntu.
abel@ubuntu:~$ ls -ld /customhome/devuser2
drwxr-xr-x 2 root root 4096 Jun  6 13:55 /customhome/devuser2
abel@ubuntu:~$ _
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abel@ubuntu:~$ sudo chage -m 2 -M 45 -W 7 devuser1
abel@ubuntu:~$ sudo passwd devuser2
New password:
Retype new password:
passwd: password updated successfully
abel@ubuntu:~$ cat /etc/passwd |grep devuser
devuser1:x:1001:1002:Developer one:/home/devuser1:/bin/bash
devuser2:x:1002:1003::/customhome/devuser2:/bin/sh
abel@ubuntu:~$ groups devuser1
devuser1 : devuser1 engineers
abel@ubuntu:~$ chage -l devuser1
chage: Permission denied.
abel@ubuntu:~$ sudo chage -l devuser1
Last password change           : Jun 06, 2025
Password expires                : Jul 21, 2025
Password inactive               : never
Account expires                 : never
Minimum number of days between password change : 2
Maximum number of days between password change : 45
Number of days of warning before password expires : 7
abel@ubuntu:~$ sudo chage -l devuser1
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abel@ubuntu:~$ sudo -l -U devuser1
User devuser1 is not allowed to run sudo on ubuntu.
abel@ubuntu:~$ ls -ld /customhome/devuser2
drwxr-xr-x 2 root root 4096 Jun  6 13:55 /customhome/devuser2
abel@ubuntu:~$ _
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abel@ubuntu:~$ sudo usermod -aG sudo devuser1
abel@ubuntu:~$ cat /etc/passwd |grep devuser
devuser1:x:1001:1002:Developer one:/home/devuser1:/bin/bash
devuser2:x:1002:1003::/customhome/devuser2:/bin/sh
abel@ubuntu:~$ groups devuser1
devuser1 : devuser1 sudo engineers
abel@ubuntu:~$ sudo chage -l devuser1
Last password change          : Jun 06, 2025
Password expires               : Jul 21, 2025
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 2
Maximum number of days between password change : 45
Number of days of warning before password expires : 7
abel@ubuntu:~$ sudo -l -U devuser1
Matching Defaults entries for devuser1 on ubuntu:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin\:/snap/bin, use_pty

User devuser1 may run the following commands on ubuntu:
    (ALL : ALL) ALL
abel@ubuntu:~$ ls -ld /customhome/devuser2
drwxr-xr-x 2 root root 4096 Jun  6 13:55 /customhome/devuser2
abel@ubuntu:~$
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abel@ubuntu:~$ sudo chage -E 2025-06-09 devuser2
abel@ubuntu:~$ sudo usermod -L devuser2
abel@ubuntu:~$ cat /etc/passwd |grep devuser
devuser1:x:1001:1002:Developer one:/home/devuser1:/bin/bash
devuser2:x:1002:1003::/customhome/devuser2:/bin/sh
abel@ubuntu:~$ groups devuser1
devuser1 : devuser1 sudo engineers
abel@ubuntu:~$ sudo chage -l devuser1
Last password change           : Jun 06, 2025
Password expires               : Jul 21, 2025
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 2
Maximum number of days between password change : 45
Number of days of warning before password expires : 7
abel@ubuntu:~$ sudo -l -U devuser1
Matching Defaults entries for devuser1 on ubuntu:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin\:/snap/bin, use_pty

User devuser1 may run the following commands on ubuntu:
    (ALL : ALL) ALL
abel@ubuntu:~$ ls -ld /customhome/devuser2
drwxr-xr-x 2 root root 4096 Jun  6 13:55 /customhome/devuser2
abel@ubuntu:~$
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abel@ubuntu:~$ groups devuser1
devuser1 : devuser1 sudo engineers
abel@ubuntu:~$ groups devuser2
devuser2 : devuser2 engineers
abel@ubuntu:~$ sudo chage -l devuser1
Last password change           : Jun 06, 2025
Password expires                : Jul 21, 2025
Password inactive               : never
Account expires                 : never
Minimum number of days between password change : 2
Maximum number of days between password change : 45
Number of days of warning before password expires : 7
abel@ubuntu:~$ sudo chage -l devuser2
Last password change           : Jun 06, 2025
Password expires                : never
Password inactive               : never
Account expires                 : Jun 09, 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
abel@ubuntu:~$ sudo -l -U devuser1
Matching Defaults entries for devuser1 on ubuntu:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin\:/snap/bin, use_pty

User devuser1 may run the following commands on ubuntu:
    (ALL : ALL) ALL
abel@ubuntu:~$ sudo -l -U devuser2
User devuser2 is not allowed to run sudo on ubuntu.
abel@ubuntu:~$ sudo chage -l devuser1
Last password change           : Jun 06, 2025
Password expires                : Jul 21, 2025
Password inactive               : never
Account expires                 : never
Minimum number of days between password change : 2
Maximum number of days between password change : 45
Number of days of warning before password expires : 7
abel@ubuntu:~$ sudo chage -l devuser2
Last password change           : Jun 06, 2025
Password expires                : never
Password inactive               : never
Account expires                 : Jun 09, 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
abel@ubuntu:~$ _
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abel@ubuntu:~$ sudo usermod -U devuser2
abel@ubuntu:~$ sudo userdel -r devuser1
userdel: devuser1 mail spool (/var/mail/devuser1) not found
userdel: /home/devuser1 not owned by devuser1, not removing
abel@ubuntu:~$ sudo userdel -r devuser2
userdel: devuser2 mail spool (/var/mail/devuser2) not found
userdel: /customhome/devuser2 not owned by devuser2, not removing
abel@ubuntu:~$ sudo groupdel engineers
abel@ubuntu:~$ cat /etc/passwd |grep devuser
(reverse-i-search)`grouups dev': sudo ^Coupdel engineers
abel@ubuntu:~$ groups devuser1
groups: 'devuser1': no such user
abel@ubuntu:~$ sudo chage -l devuser1
chage: user 'devuser1' does not exist in /etc/passwd
(reverse-i-search)`-U': sudo usermod ^C devuser2
abel@ubuntu:~$ sudo -l -U devuser1
sudo: unknown user devuser1
abel@ubuntu:~$ ls -ld /customhome/devuser2
drwxr-xr-x 2 root root 4096 Jun  6 13:55 /customhome/devuser2
abel@ubuntu:~$
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