**User Management II**

**To add a user into a group**

**#useradd -g groupname username**

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**useradd with predefined parameter**

**useradd -u 2000 -g 3000 -c 'test user' -d /home/test1 -s /bin/sh username**

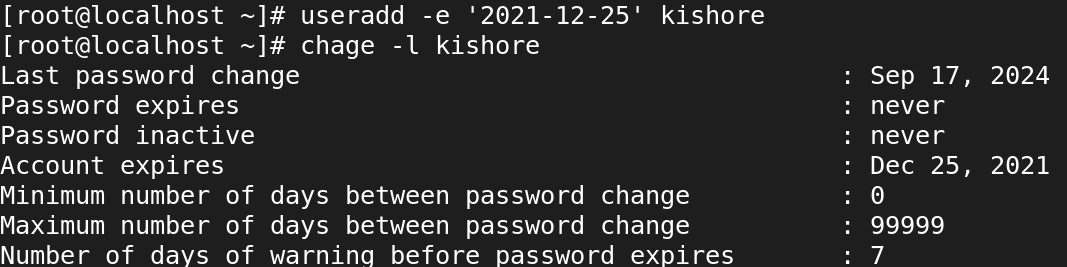


**useradd -M**

**It used to create an user without creating an directory.**



**useradd -e '2021-12-25' username**



**-l 🡺 loginname**

**-u 🡺 uid**

**-g 🡺 gid**

**-c 🡺 user comment**

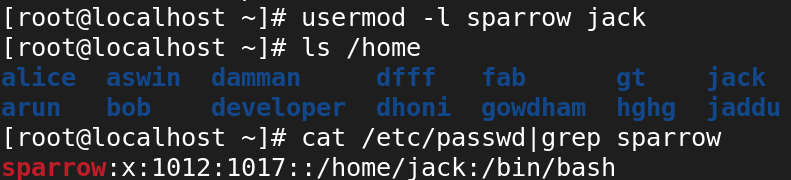
**-d 🡺 home directory**

**-s 🡺 shell**

**USERMOD**

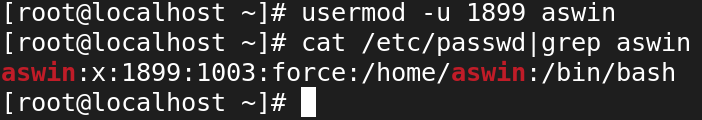
**To rename user's account name**

**#usermod -l newname oldname**



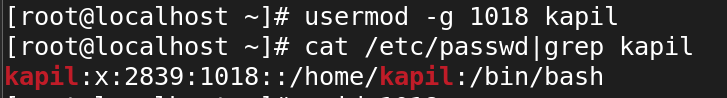
**To change user's UID**

**#usermod -u 1899 username**



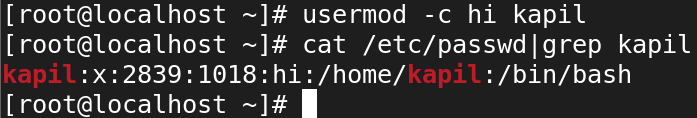
**To change user's GID**

**#usermod -g 1018 username**



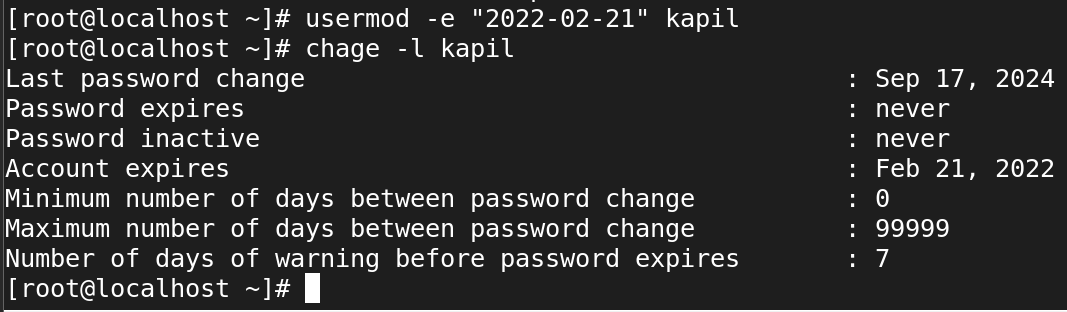
**Changing the User Information**

**usermod -c "Test User" username**



**Setting a User Expiry Date**

**usermod -e "2022-02-21" username**



**Locking and Unlocking a User Account**

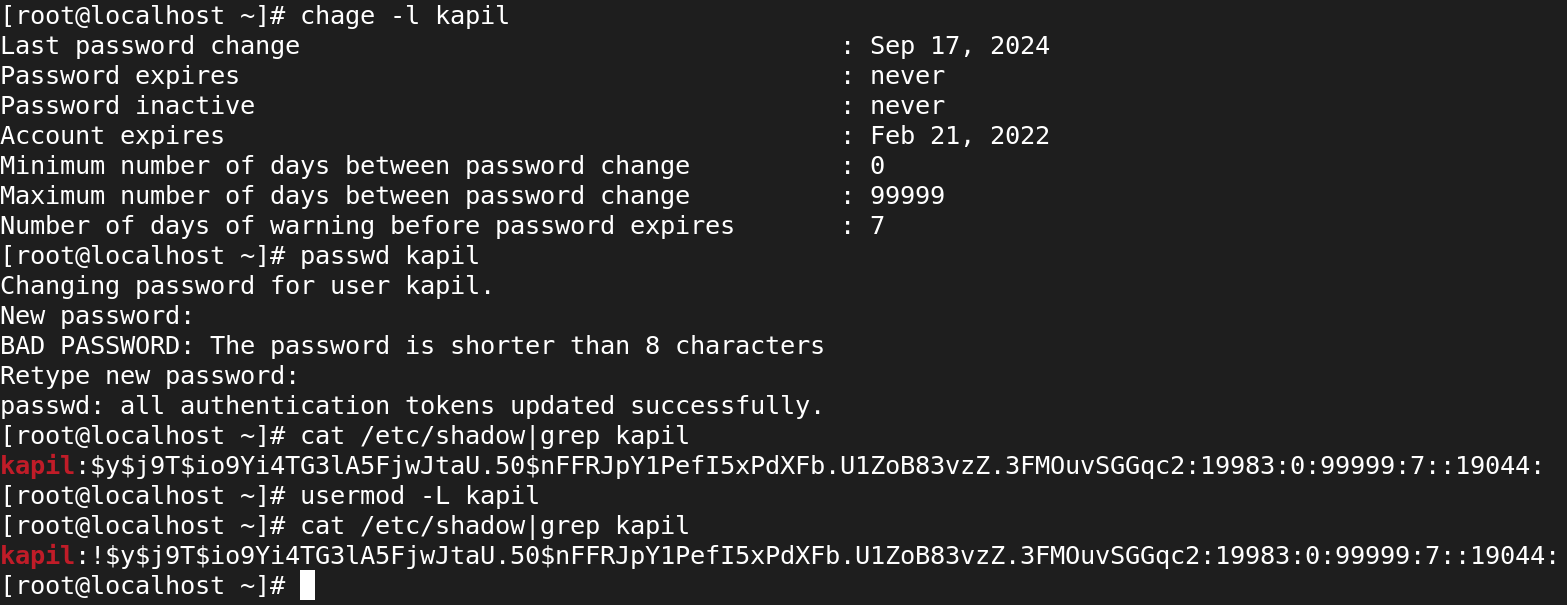
**Lock**

**usermod -L USER**

· The user's password is "locked" by adding an exclamation mark (!) at the beginning of the password hash in /etc/shadow.

· This prevents the user from authenticating with their password, but the account itself is still there (the user's files and data remain untouched).

**-L: This option locks the user's password, effectively disabling their ability to log in.**

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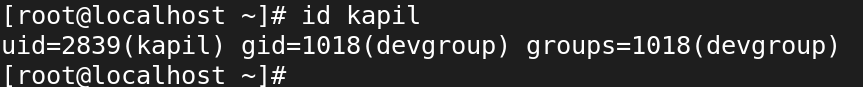
**Unlock**

**usermod -U USER**



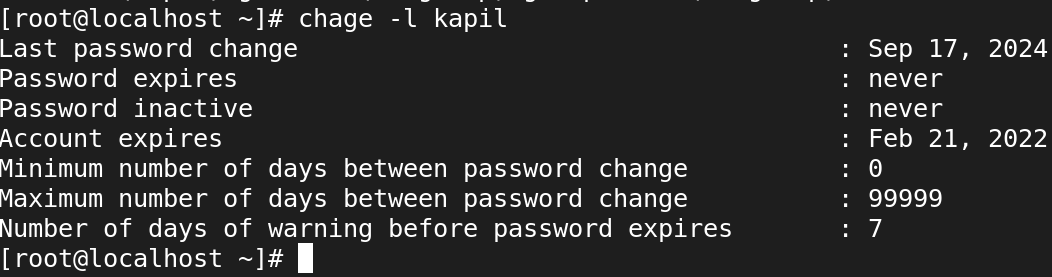
**To check the user's ID or UID with Group ID**

**#id username**



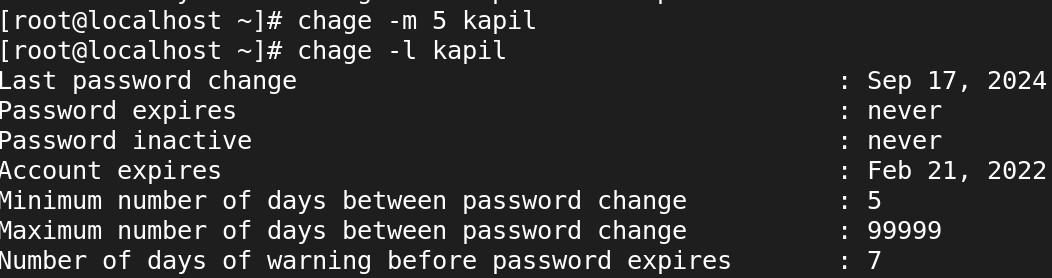
**To verify the user's password information**

**# chage -l username**



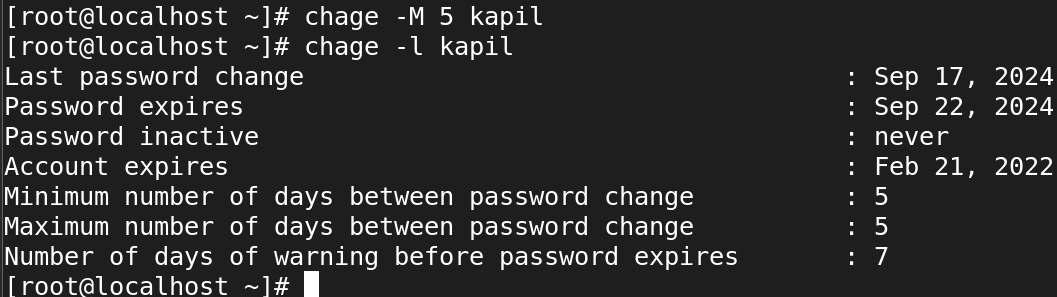
**To change user's minimum password expiry date**

**# chage -m 5 username**



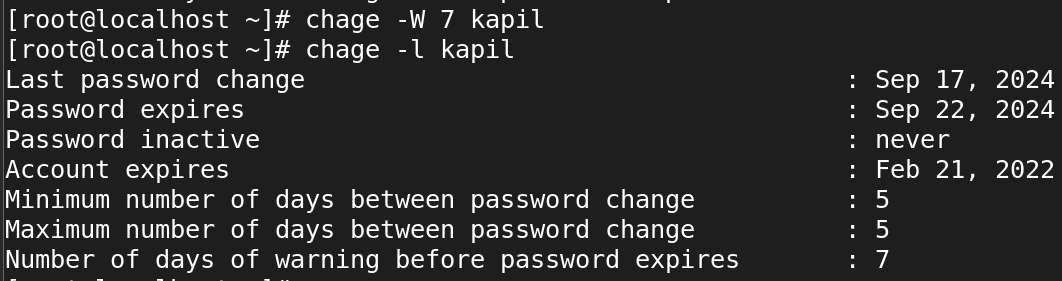
**To change user's maximum password expiry date**

**# chage -M 20 username**



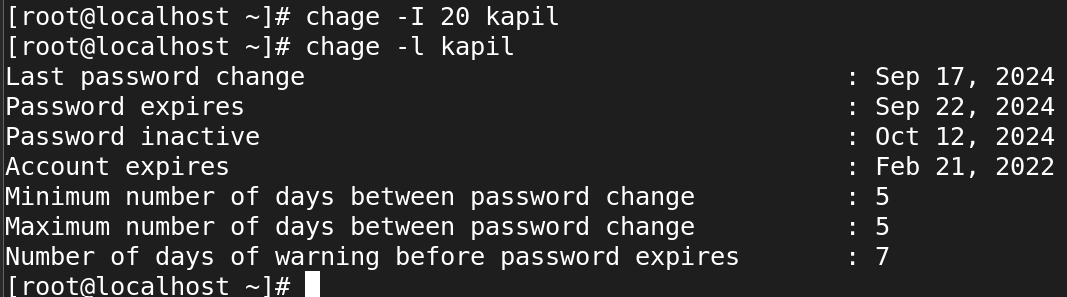
**To change user's minimum password expiry warning date**

**# chage -W 5 username**



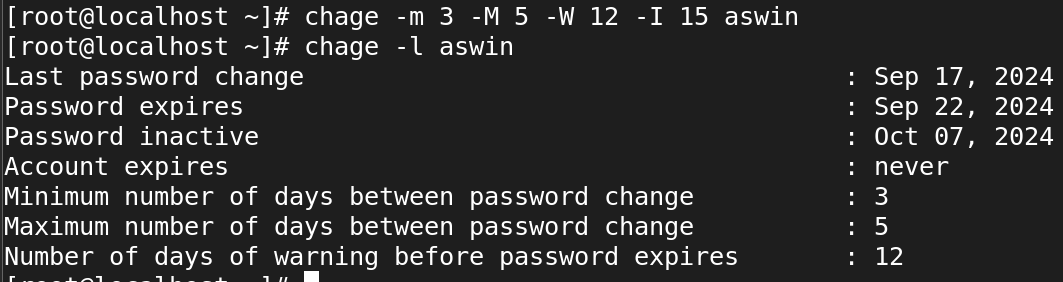
**To change user's password inactive date**

**# chage -I 5 username**



**To change user's password parameters**

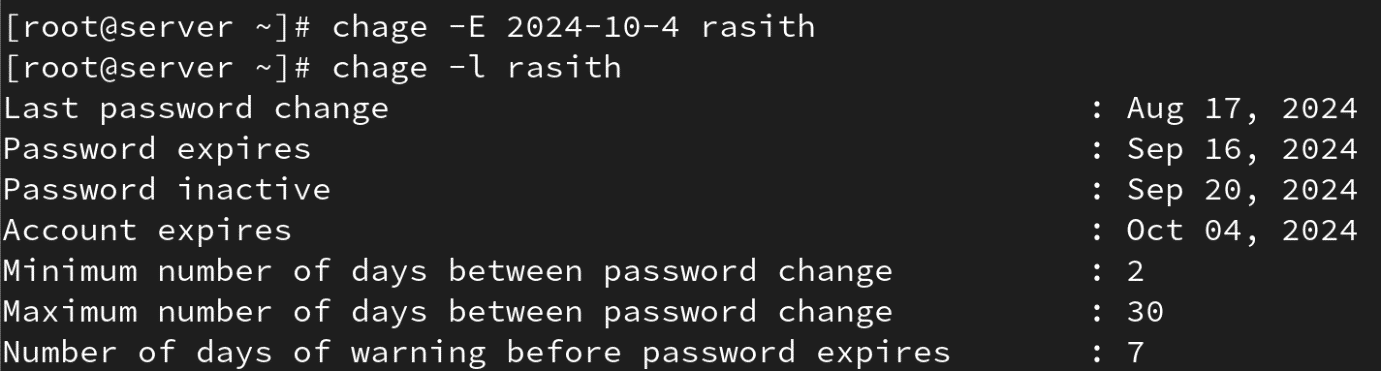
**# chage -m 5 -M 20 -W 3 -I 7 username**



**command -<option>**

**To set the user's account expiry date**

**# chage -E yyyy-mm-dd username**

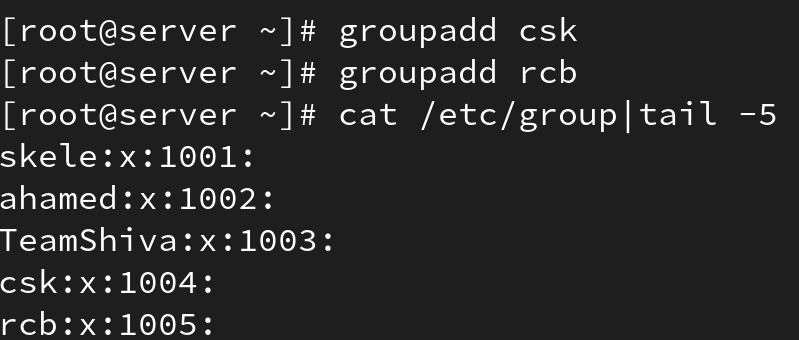
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**To see the information of groups**

**# cat /etc/group**

**To create group**

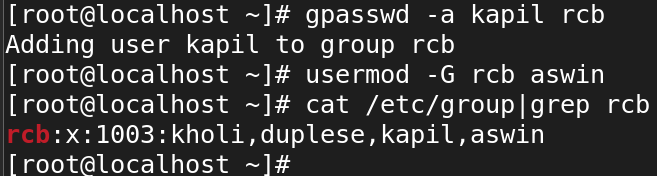
**#groupadd groupname**



**Add user into a group**

**#gpasswd -a user group (or)**

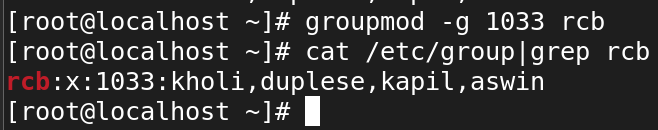
**#usermod -a -G group user**



**To change group's GID**

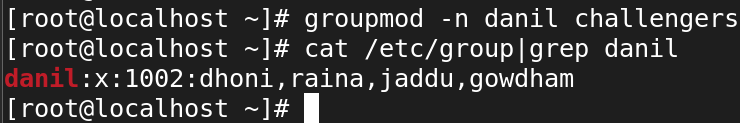
**#groupmod -g GID groupname**

**#groupmod -g 1033 groupname**



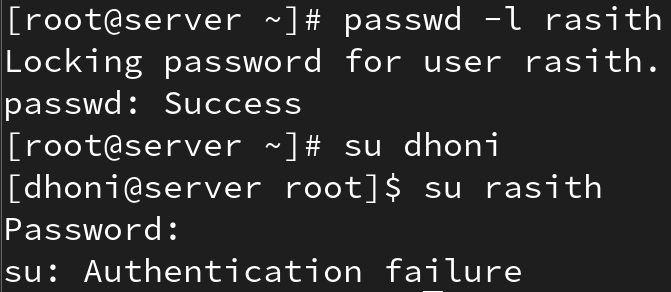
**To rename a group**

**#groupmod -n newgroup oldgroup**



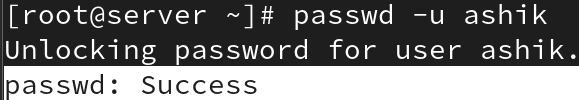
**lock the user password**

**passwd -l username**

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**unlock the userpasword**

**passwd -u username**

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