

passwd [options] [LOGIN]

-a, --all : This option can be used only with **-S** and shows the status for all users.

-d, --delete : Delete a users password (*make it empty*).

-e, --expire : Immediately expire an account's password.

-i, --inactive INACTIVE : This option is used to disable an account after the password has been expired for a number of days. *After an account has had an expired password for INACTIVE days, the user may no longer sign on to the account.*

-k, --keep-tokens : Indicate password change should be performed only for expired authentication tokens (passwords).

-l, --lock : Lock the password of the named account. This does not disable the account. *The user may still be able to login using another authentication token (e.g. a SSH key).*

-n, --mindays MIN_DAYS : Set the minimum number of days between password changes to MIN_DAYS. *A value of zero indicates that the user may change their password at any time.*

-S, --status : Display account status information. (*login,locked/no/usable password,date of last password change,min age, max age, warning period, inactivity period*)

-u, --unlock : Unlock the password of the named account.

-w, --warndays WARN_DAYS : Number of days warning prior to a required password change.

-x, --maxdays MAX_DAYS : Set the maximum number of days a password remains valid. *After MAX_DAYS, the password will need to be changed.*

gpasswd [option] GROUP

-a, --add USER : Add the user to the named group.

-d, --delete USER : Remove the user from the named group.

-r, --remove-password : Remove the password from the named group.

-R, --restrict : Restrict the access to the named group.

-A, --administrators USER,... : Set the list of administrative users.

-M, --members USER,... : Set the list of group members.

useradd [options] LOGIN

-b, --base-dir BASE_DIR : Default system base directory if **-d** is not specified.

-d, --home HOME_DIR : Use HOME_DIR as the value for the user's login directory.

-e, --expiredate EXPIRE_DATE : Date on which the user account will be disabled. (YYYY-MM-DD)

-f, --inactive INACTIVE : Number of days after a password expires until the account is disabled. (*0 disables account on expiration. -1 disables the feature.*)

-g, --gid GROUP : The group name or number of the users initial login group. *The group name must exist.*

-G, --groups GROUP1[,...] : List of supplementary groups for the user. Subject to same restrictions as **-g**.

-k, --skel SKEL_DIR : The skeleton directory to be copied in the users home directory, upon creation. *Only valid if -m option specified*

-K, --key KEY=VALUE : Overrides /etc/login.defs defaults. *Multiple -K options can be specified.*

useradd [options] LOGIN (cont)

-l, --no-log-init : Do not add the user to the lastlog and faillog databases.

-m, --create-home : Create the user's home directory if it doesn't exist.

-M : Don't create home directory.

-N, --no-user-group : Do not create a group with the same name as the user.

-o, --non-unique : Allow the creation of a user account with a duplicate UID. *Only valid along with -u option*

-p, --password PASSWORD : The encrypted password. **NOT Recommended!**

-r, --system : Create system account

-s, --shell SHELL : The name of the user's login shell.

-u, --uid UID : The numerical value of the users ID. Must be unique unless **-o** option used

-U, --user-group : Create group with the same name as the user

-Z, --selinux-user SEUSER : The SELinux user for the users login.

groupmod [options] GROUP

-g, --gid GID : The group ID will be changed to GID.

-n, --new-name NEW_GROUP : Group name will be changed from GROUP to NEW_GROUP.

-o, --non-unique : When used with **-g**, allows setting the group GID to a non-unique value.

-p, --password PASSWORD : The encrypted password. **NOT Recommended!**



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usermod [options] LOGIN

-a, --append : Add user to supplementary group(s). Use only with the **-G** option.

-d, --home HOME_DIR : The user's new login directory.

-e, --expiredate EXPIRE_DATE : Date on which the user account will be disabled (YYYY-MM-DD)

-g, --gid GROUP : The group name/number of the user's new initial login group.

-G, --groups GROUP1[,GROUP2...] : A list of supplementary groups which the user is also a member

-l, --login NEW_LOGIN : The name of the user will be changed from LOGIN to NEW_LOGIN.

-L, --lock : Lock a users password. (Can't use option with **-p** or **-U**)

-m, --move-home : Move the content of the users home directory to the new location.

-o, --non-unique : when used with the **-u** option, this option allows to change the user ID to a non-unique value.

-p, --password PASSWORD : Set password explicitly via shell. **Not recommended!**

-s, --shell SHELL : The name of the users new login shell.

-u, --uid UID : The new numerical value of the users ID. Must be unique unless the **-o** option is used.

-U, --unlock : Unlock a users password. (Can't use this option with **-p** or **-L**.)

-Z, --selinux-user SEUSER : The SELinux user for the users login.

groupadd [options] GROUP

-f, --force : This option causes the command to simply exit with success status if the specified group already exists.

-g, --gid GID : The numerical value of the groups ID. *This value must be unique, unless the **-o** option is used.*

-K, --key KEY=VALUE : Overrides /etc/login.defs defaults (GID_MIN, GID_MAX and others). *Multiple **-K** options can be specified.*

-o, --non-unique : This option permits to add a group with a non-unique GID.

-p, --password PASSWORD : The default is to disable the password. (**NOT RECOMMENDED**: the password will be visible by users listing the processes.)

-r, --system : Create a system group.



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