

check-Maximum-number-of-days-between-password-change

```
[root@dev ~]# chage -l abdein
Last password change          : Sep 27, 1972
Password expires              : Nov 06, 1972
Password inactive             : never
Account expires               : Nov 06, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 40
Number of days of warning before password expires : 7
```

NR

```
#!/bin/bash

user=$1
threshold=30

for i in $user
do
    exp_value=$(chage -l "$i" | grep "Maximum number of days between password change" | awk '{print $NF}')
    # NF refer to number of field so we can generate the last field in datafram to fin value of expire
    if [ "$exp_value" -lt "$threshold" ]
    then
        echo "the user \"$i\" will change password nearly after \"$exp_value\" notify him"
    else
        echo "the user \"$i\" will change password after \"$exp_value\" and it is so far "
    fi
done
```

```
[root@dev adhamscripts]# vim check-Maximum-number-of-days-between-password-change.sh
[root@dev adhamscripts]# chmod +x check-Maximum-number-of-days-between-password-change.sh
[root@dev adhamscripts]# ./check-Maximum-number-of-days-between-password-change.sh abdein
the user abdein will change password after 40 and it is so far
[root@dev adhamscripts]#
```

change-Maximum-number-of-days-between-password-change

```
#!/bin/bash

user=$1
exp_value=$2
threshold=30

for i in $user
do
    change=$(chage -M "$exp_value" "$i")
    new_value=$(chage -l "$i" | grep "Maximum number of days between password change" | awk '{print $NF}')
    echo "Maximum number of days to change password for user \"$i\" updated to become \"$new_value\""

    if [ "$new_value" -lt "$threshold" ]
    then
        echo "the user \"$i\" will change password nearly after \"$new_value\" notify him"
    else
        echo "the user \"$i\" will change password after \"$new_value\" and it is so far "
    fi
done
```

```
[root@dev adhamscripts]# vim change-Maximum-number-of-days-between-password-change.sh
[root@dev adhamscripts]# chmod +x change-Maximum-number-of-days-between-password-change.sh
[root@dev adhamscripts]# ./change-Maximum-number-of-days-between-password-change.sh abdein 20
Maximum number of days to change password for user abdein updated to become 20
the user abdein will change password nearly after 20 notify him
[root@dev adhamscripts]#
```

```
[root@dev ~]# chage -l abdein
Last password change                : Sep 27, 1972
Password expires                    : Oct 17, 1972
Password inactive                    : never
Account expires                     : Nov 06, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 20
Number of days of warning before password expires : 7
[root@dev ~]#
```