

CentOS Linux 7 (Core)  
Kernel 3.10.0-1160.el7.x86\_64 on an x86\_64

localhost login: root  
Password:  
Login incorrect

localhost login: root  
Password:  
Last failed login: Mon Apr 22 14:36:20 IST 2024 on tty1  
There were 6 failed login attempts since the last successful login.  
Last login: Sun Apr 21 16:59:19 on tty1  
[root@localhost ~]# useradd virat  
[root@localhost ~]# passwd virat  
Changing password for user virat.  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[root@localhost ~]# logout

CentOS Linux 7 (Core)  
Kernel 3.10.0-1160.el7.x86\_64 on an x86\_64

localhost login: virat

Password:

[virat@localhost ~]\$ pwd

/home/virat

[virat@localhost ~]\$ useradd rohit

useradd: Permission denied.

useradd: cannot lock /etc/passwd; try again later.

[virat@localhost ~]\$ cd /home

[virat@localhost home]\$ ls ----l

ls: unrecognized option '----l'

Try 'ls --help' for more information.

[virat@localhost home]\$ ls -l

total 0

drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor

drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr

drwx-----. 2 suman suman 62 Apr 21 16:38 suman

drwx-----. 2 virat virat 62 Apr 22 16:05 virat

[virat@localhost home]\$ cd /home/virat

[virat@localhost ~]\$ ls -l

total 0

[virat@localhost ~]\$

localhost login: root

Password:

Login incorrect

localhost login: root

Password:

Last failed login: Mon Apr 22 16:10:21 IST 2024 on tty1

There was 1 failed login attempt since the last successful login.

Last login: Mon Apr 22 14:36:32 on tty1

[root@localhost ~]# cd /home/virat

[root@localhost virat]# cd /home

[root@localhost home]# ls -l

total 0

drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor

drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr

drwx-----. 2 suman suman 62 Apr 21 16:38 suman

drwx-----. 2 virat virat 83 Apr 22 16:10 virat

[root@localhost home]# useradd rohit

[root@localhost home]# passwd rohit

Changing password for user rohit.

New password:

BAD PASSWORD: The password is shorter than 8 characters

Retype new password:

Sorry, passwords do not match.

New password:

BAD PASSWORD: The password is shorter than 8 characters

Retype new password:

passwd: all authentication tokens updated successfully.

[root@localhost home]# ls -l /home

total 0

drwx-----. 2 kishor kishor 62 Apr 21 16:40 kishor

drwx-----. 2 kishorr kishorr 62 Apr 21 16:41 kishorr

drwx-----. 2 rohit rohit 62 Apr 22 16:11 rohit

drwx-----. 2 suman suman 62 Apr 21 16:38 suman

drwx-----. 2 virat virat 83 Apr 22 16:10 virat

[root@localhost home]# \_

```
[root@localhost sbin]# ls -l | grep useradd
lrwxrwxrwx. 1 root root          7 Apr 18 17:43 adduser -> useradd
-rwxr-xr-x. 1 root root    15752 Apr 13  2018 luseradd
-rwxr-xr-x. 1 root root   137616 Aug  9  2019 useradd
[root@localhost sbin]# ls -l | grep mkdir
[root@localhost sbin]# cd /bin
[root@localhost bin]# ls -l | grep mkdir
-rwxr-xr-x. 1 root root    79768 Aug 20  2019 mkdir
[root@localhost bin]# pwd
/bin
[root@localhost bin]# cd /root
[root@localhost ~]# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
bin:x:1:1:bin:/bin:/sbin/nologin
daemon:x:2:2:daemon:/sbin:/sbin/nologin
adm:x:3:4:adm:/var/adm:/sbin/nologin
lp:x:4:7:lp:/var/spool/lpd:/sbin/nologin
sync:x:5:0:sync:/sbin:/bin/sync
shutdown:x:6:0:shutdown:/sbin:/sbin/shutdown
halt:x:7:0:halt:/sbin:/sbin/halt
mail:x:8:12:mail:/var/spool/mail:/sbin/nologin
operator:x:11:0:operator:/root:/sbin/nologin
games:x:12:100:games:/usr/games:/sbin/nologin
ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin
nobody:x:99:99:Nobody:/:/sbin/nologin
systemd-network:x:192:192:systemd Network Management:/:/sbin/nologin
dbus:x:81:81:System message bus:/:/sbin/nologin
polkitd:x:999:998:User for polkitd:/:/sbin/nologin
sshd:x:74:74:Privilege-separated SSH:/var/empty/sshd:/sbin/nologin
postfix:x:89:89:/:/var/spool/postfix:/sbin/nologin
chrony:x:998:996:/:/var/lib/chrony:/sbin/nologin
suman:x:1000:1000:/:/home/suman:/bin/bash
kishor:x:1001:1001:/:/home/kishor:/bin/bash
kishorr:x:1002:1002:/:/home/kishorr:/bin/bash
virat:x:1003:1003:/:/home/virat:/bin/bash
rohit:x:1004:1006:/:/home/rohit:/bin/bash
[root@localhost ~]#
```

root:x:0:  
bin:x:1:  
daemon:x:2:  
sys:x:3:  
adm:x:4:  
tty:x:5:  
disk:x:6:  
lp:x:7:  
mem:x:8:  
kmem:x:9:  
wheel:x:10:  
cdrom:x:11:  
mail:x:12:postfix  
man:x:15:  
dialout:x:18:  
floppy:x:19:  
games:x:20:  
tape:x:33:  
video:x:39:  
ftp:x:50:  
lock:x:54:  
audio:x:63:  
nobody:x:99:  
users:x:100:  
utmp:x:22:  
utempter:x:35:  
input:x:999:  
systemd-journal:x:190:  
systemd-network:x:192:  
dbus:x:81:  
polkitd:x:998:  
ssh\_keys:x:997:  
sshd:x:74:  
postdrop:x:90:  
postfix:x:89:  
chrony:x:996:  
"/etc/group" 43L, 551C

```

-rw-r--r--. 1 root root 50 Apr 21 04:34 marks.txt
-rw-r--r--. 1 root root 43 Apr 21 04:46 mark.txt
drwxr-xr-x. 2 root root 6 Apr 21 16:56 my_folder
-rw-r--r--. 1 root root 54 Apr 21 04:37 name.txt
drwxr-xr-x. 2 root root 6 Apr 20 17:35 output
-rw-r--r--. 1 root root 94 Apr 20 17:13 output.txt
-rw-r--r--. 1 root root 0 Apr 19 17:15 phase1
-rw-r--r--. 1 root root 129 Apr 20 17:09 result.txt
drwxr-xr-x. 2 root root 20 Apr 19 16:47 root
drwxr-xr-x. 2 root root 6 Apr 20 17:28 thursday
drwxr-xr-x. 2 root root 6 Apr 19 18:45 thursday
[root@localhost ~]# chmod go+wx result.txt
[root@localhost ~]# ls -l
total 40
-rw-----. 1 root root 1279 Apr 18 17:51 anaconda-ks.cfg
-rw-r--r--. 1 root root 33 Apr 21 05:07 clr.txt
-rw-r--r--. 1 root root 43 Apr 21 05:02 clr.txtt
-rw-r--r--. 1 root root 223 Apr 20 17:14 combine.txt
drwxr-xr-x. 2 root root 20 Apr 19 17:22 election
drwxr-xr-x. 2 root root 6 Apr 19 17:19 election1
drwxr-xr-x. 2 root root 6 Apr 20 01:05 elections
-rw-r--r--. 1 root root 0 Apr 19 17:04 exaaam.txt
-rw-r--r--. 1 root root 0 Apr 19 17:04 exam
-rw-r--r--. 1 root root 77 Apr 21 04:14 exam.txt
-rw-r--r--. 1 root root 0 Apr 20 17:12 list
-rw-r--r--. 1 root root 50 Apr 21 04:34 marks.txt
-rw-r--r--. 1 root root 43 Apr 21 04:46 mark.txt
drwxr-xr-x. 2 root root 6 Apr 21 16:56 my_folder
-rw-r--r--. 1 root root 54 Apr 21 04:37 name.txt
drwxr-xr-x. 2 root root 6 Apr 20 17:35 output
-rw-r--r--. 1 root root 94 Apr 20 17:13 output.txt
-rw-r--r--. 1 root root 0 Apr 19 17:15 phase1
-rw-rwxrwx. 1 root root 129 Apr 20 17:09 result.txt
drwxr-xr-x. 2 root root 20 Apr 19 16:47 root
drwxr-xr-x. 2 root root 6 Apr 20 17:28 thursday
drwxr-xr-x. 2 root root 6 Apr 19 18:45 thursday
[root@localhost ~]#

```