

## Task1.Part1

- 1) Log in to the system as root.
- 2) Use the passwd command to change the password. Examine the basic parameters of the command. What system file does it change \*?
- 3) Determine the users registered in the system, as well as what commands they execute. What additional information can be gleaned from the command execution?
- 4) Change personal information about yourself.

```
Last login: Mon Jul 11 07:36:47 2022 from 10.0.2.2
[davig@oracle ~]$ su
Password:
[root@oracle davig]# passwd
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
[root@oracle davig]# w
 07:47:43 up  5:37,  2 users,  load average: 0.00, 0.00, 0.00
USER      TTY      FROM            LOGIN@   IDLE   JCPU   PCPU   WHAT
davig     pts/0    10.0.2.2        07:47    7.00s  0.09s  0.10s  sshd: davig [priv]
davig     pts/1    10.0.2.2        07:36    2:51   0.10s  0.08s  sshd: davig [priv]
[root@oracle davig]# usermod -c "Davig Davig" davig
[root@oracle davig]#
```

- 5) Become familiar with the Linux help system and the man and info commands. Get help on the previously discussed commands, define and describe any two keys for these commands. Give examples.

```
[davig@oracle ~]$ man usermod
[davig@oracle ~]$ info usermod
[davig@oracle ~]$ man w
[davig@oracle ~]$ info w
[davig@oracle ~]$ sudo usermod -g nginx creator
[davig@oracle ~]$ id creator
uid=1002(creator) gid=990(nginx) groups=990(nginx)
[davig@oracle ~]$ sudo usermod -e 2024-11-12 creator
[davig@oracle ~]$ sudo chage -l creator
Last password change                : Jun 16, 2022
Password expires                     : never
Password inactive                    : never
Account expires                     : Nov 12, 2024
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
[davig@oracle ~]$ w
 09:54:26 up  7:43,  3 users,  load average: 0.21, 0.07, 0.02
USER      TTY      FROM            LOGIN@   IDLE   JCPU   PCPU   WHAT
davig     pts/0    10.0.2.2        07:47    10:50   0.19s  0.16s  sshd: davig [priv]
davig     pts/1    10.0.2.2        07:36    0.00s  0.24s  0.02s  w
davig     pts/2    10.0.2.2        09:44    9:30    0.02s  0.02s  -bash
[davig@oracle ~]$ w -h
davig     pts/0    10.0.2.2        07:47    10:54   0.19s  0.16s  sshd: davig [priv]
davig     pts/1    10.0.2.2        07:36    4.00s  0.23s  0.01s  w -h
davig     pts/2    10.0.2.2        09:44    9:34    0.02s  0.02s  -bash
[davig@oracle ~]$ w -s
 09:54:35 up  7:44,  3 users,  load average: 0.18, 0.07, 0.02
USER      TTY      FROM            IDLE   WHAT
davig     pts/0    10.0.2.2        10:59  sshd: davig [priv]
davig     pts/1    10.0.2.2        3.00s  w -s
davig     pts/2    10.0.2.2        9:39   -bash
[davig@oracle ~]$
```

6) Explore the more and less commands using the help system. View the contents of files .bash\* using commands.

```
locate
locate 1.txt
clear
su
exit
::::::::::::
.bashrc
::::::::::::
# add these lines to .bashrc
# start screen on SSH login
if [ "$PS1" != "" -a $TERM != "screen" -a "${STARTED_SCREEN:-x}" = x -a "${SSH_TTY:-x}" != x ]
then
    STARTED_SCREEN=1
    export STARTED_SCREEN
    sleep 1
    screen -RR
#screen -qRD
fi
[davig@oracle ~]$ less .bash*
[davig@oracle ~]$
```

7) \* Describe in plans that you are working on laboratory work 1. Tip: You should read the documentation for the finger command.

8) \* List the contents of the home directory using the ls command, define its files and directories. Hint: Use the help system to familiarize yourself with the ls command.

```
[davig@oracle ~]$ finger
Login      Name      Tty      Idle   Login Time   Office      Office Phone   Host
davig      Davig Davig   pts/0    26   Jul 11 07:47   (10.0.2.2)
davig      Davig Davig   pts/1    25   Jul 11 07:36   (10.0.2.2)
davig      Davig Davig   pts/2    25   Jul 11 09:44   (10.0.2.2)
[davig@oracle ~]$ man finger
[davig@oracle ~]$ man ls
[davig@oracle ~]$ ls -la
total 2547768
drwx----- 11 davig davig      4096 Jul 11 08:09 .
drwxr-xr-x.  5 root  root        44 Jun 16 17:04 ..
-rwxrwxr-x   1 davig davig      12 Jul  9 08:24 1.txt
-rw-rw-r--   1 davig davig         0 Jul  4 12:23 aaa
-rw-rw-r--   1 davig davig  408483840 Jun 16 04:06 arch.tar
-rw-----   1 davig davig    20640 Jul 11 07:53 .bash_history
-rw-r--r--   1 davig davig     235 Jun 23 09:55 .bashrc
-rw-rw-r--   1 davig davig 1616426519 Jun 30 03:11 CentOS-8.5.2111-x86_64-dvd1.iso
-rw-rw-r--   1 davig davig     320 Nov 12 2021 CHECKSUM
drwx-----  5 davig davig     145 Jun 23 09:55 .config
drwxrwxr-x   2 davig davig     288 Jun 12 07:18 copies
drwxrwxr-x   2 davig davig         6 Jul  8 06:00 davig
-rw-rw-r--   1 davig davig    1144 Jun 17 15:35 dev.log
-rwxrwxr-x   1 davig davig     254 Jun 30 03:10 downloader.sh
drwxrwxr-x   3 davig davig        17 Jun 22 13:14 etc
-rw-rw-r--   1 davig davig  5667124 Jun 22 13:12 etc.tar
-rw-rw-r--   1 davig davig 215915244 Jun 22 13:35 etc.tar.arch
-rw-rw-r--   1 davig davig  5667124 Jun 22 13:13 etc.tar.gz
-rw-rw-r--   1 davig davig 215915244 Jun 22 13:22 etc.zip
-rw-rw-r--   1 davig davig 105345688 Jun 11 23:13 file-arch-task.gz
-rwxrwxr-x   1 davig davig     162 Jul  8 06:57 file_script.sh
-rw-rw-r--   1 davig davig         0 Jun 15 13:48 -file.txt
-rw-rw-r--   1 davig davig         0 Jun 15 13:49 file.txt
-rw-r--r--   1 root  root    26100 Aug 29 2014 finger-0.17-52.el7.x86_64.rpm
-rw-r--r--   1 davig davig    30226 Jun 12 18:03 grep.1
-rw-rw-r--   1 davig davig    21224 Jun 22 13:39 grep.tar.gz
-rw-rw-r--   1 davig davig    34635 Jun 13 14:38 grep.txt
-rw-rw-r--   1 davig davig     37 Jun 13 16:49 key2.txt
-rw-rw-r--   1 davig davig     38 Jun 13 16:17 keys.txt
-rw-rw-r--   1 davig davig     38 Jun 13 16:17 key.txt
-rw-rw-r--   1 davig davig     37 Jun 13 17:33 keyy.txt
-rw-rw-r--   1 davig davig     107 Jun 24 08:24 my.service
-rw-r--r--   1 davig davig  242220 Jun 19 13:32 nmap-ncat-7.70-6.el8.x86_64.rpm
```