Assessment 1

Title: Linux Command List Assessment

Instructions:-

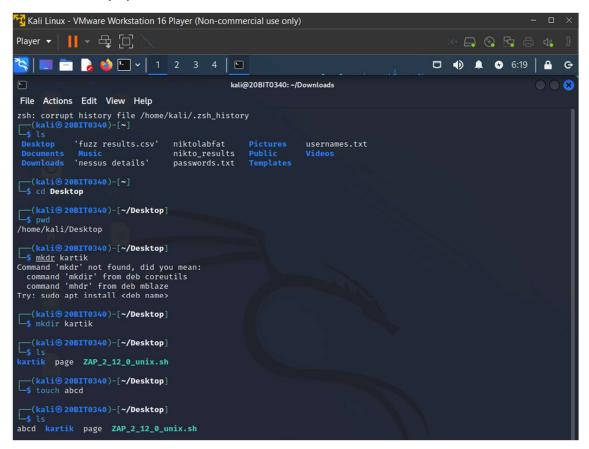
The following assessment aims to test your understanding and practical knowledge of various

Linux commands. Perform the tasks given below using the appropriate commands. Write down

the command(s) used to complete each task. You can use any Linux distribution or commandline interface of your choice. Ensure that you provide the correct output or results for each task.

Note: It is recommended to perform this assessment on a Linux machine or virtual environment.

File and Directory Operations:



Copy Operation

Move or rename

And

Remove file

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h.txt (END)

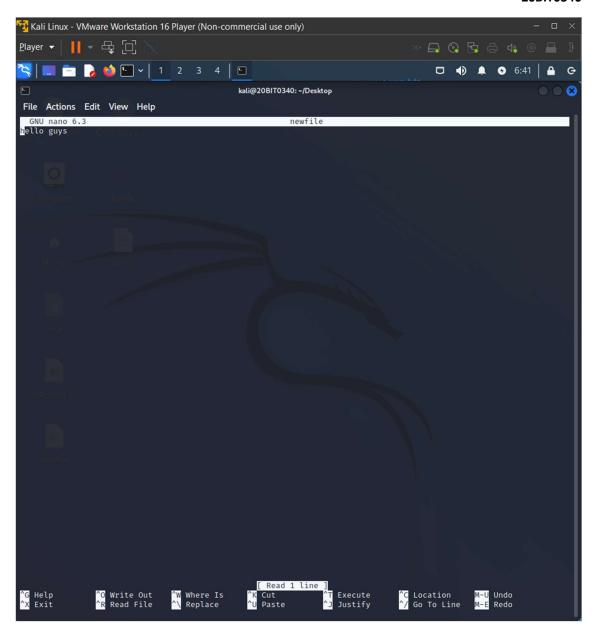
```
(kali@ 20BIT0340)-[~]
$ cd Desktop

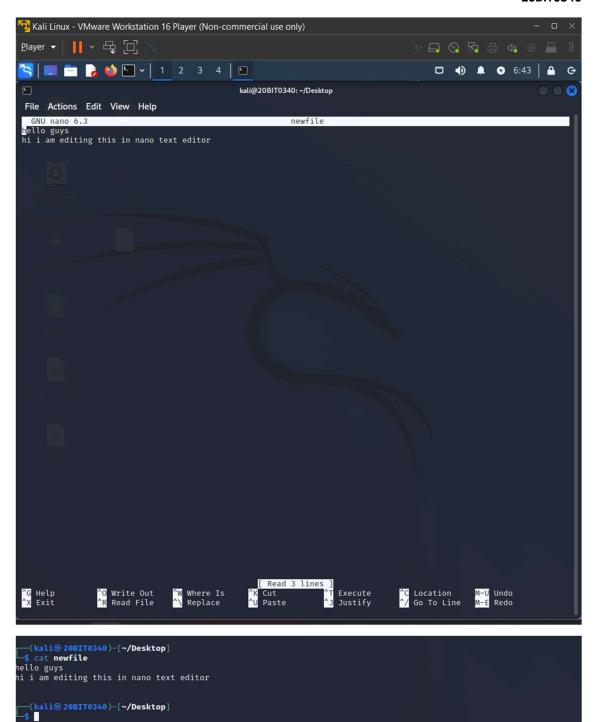
(kali@ 20BIT0340)-[~/Desktop]
$ find zap_scan.sh
zap_scan.sh

(kali@ 20BIT0340)-[~/Desktop]
abcd kartik newfile page zap_scan.sh

(kali@ 20BIT0340)-[~/Desktop]
$ cat newfile
hello guys

(kali@ 20BIT0340)-[~/Desktop]
$ "
```





```
__(kali⊕ 20BIT0340)-[~/Desktop]
$ ls -la
total 245504
drwxr-xr-x 3 kali kali
                                                       4096 May 29 06:43 .
drwxr-xr-x 19 kali kali 4096 May 29 00:49 ...
-rw-r--r-- 1 kali kali 0 May 29 00:51 at
-rw-r--r-- 1 kali kali 0 May 29 00:51 abcd

drwxr-xr-x 2 kali kali 4096 May 29 00:51 kartik

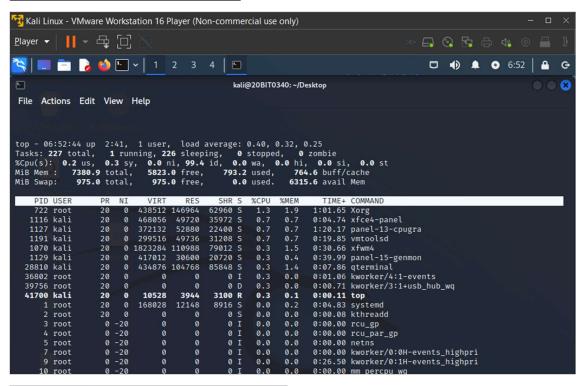
-rw-r--r-- 1 kali kali 53 May 29 06:42 newfile

-rw-r--r-- 1 kali kali 411 Jan 31 16:59 page

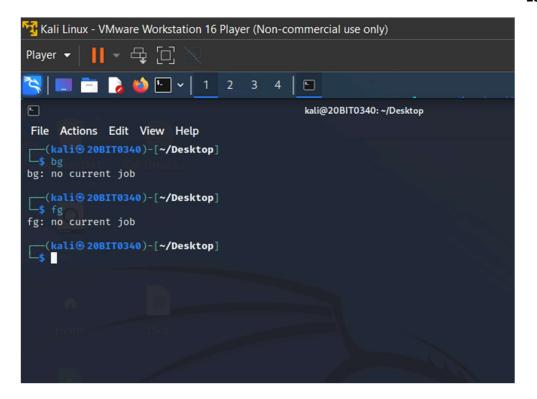
-rwxrw-rw- 1 kali kali 251370072 Jan 17 13:25 zap_scan.sh
Kali Linux - VMware Workstation 16 Player (Non-commercial use only)
Player ▼ | | | ▼ 🖧 🖂
🌂 📗 🛅 🍃 🐞 🖭 🗸 🗎 2 3 4 🕒
                                                                                                                                   □ • • 6:48 A G
                                                                     kali@20BIT0340: ~/Desktop
Applications
                   Edit View Help
ls: cannot access '-': No such file or directory
ls: cannot access 'la': No such file or directory
(kali@ 20BIT0340)-[~/Desktop]
$ ls -la
total 245504
total 245504
drwxr-xr-x 3 kali kali 4096 May 29 06:43 .
drwxr-xr-x 19 kali kali 4096 May 29 00:49 ..
-rw-r--r- 1 kali kali 0 May 29 00:51 abcd
drwxr-xr-x 2 kali kali 4096 May 29 00:51 kartik
-rw-r--r- 1 kali kali 53 May 29 06:42 newfile
-rw-r-r- 1 kali kali 411 Jan 31 16:59 page
-rwxrw-rw- 1 kali kali 251370072 Jan 17 13:25 zap_scan.sh
___(kali⊕20BIT0340)-[~/Desktop]
$ chown kali newfile
(kali@20BIT0340)-[~/Desktop]
$\int_$ ls -a
$\tag{kartik} newfile page zap_scan.sh
(kali⊕20BIT0340)-[~/Desktop]
$ chgrp kali newfile
___(kali⊕20BIT0340)-[~/Desktop]
_$ ls -a
 . .. abcd kartik newfile page zap_scan.sh
(kali@ 20BIT0340)-[~/Desktop]
$ tar -cvf arch1.tar newfile vim.txt
newfile
tar: vim.txt: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
(kali@ 20BIT0340)-[~/Desktop]
$ tar -cvf arch1.tar newfile vim
newfile
tar: vim: Cannot stat: No such file or directory
tar: Exiting with failure status due to previous errors
newfile
vim.txt
(kali@ 20BIT0340)-[~/Desktop]
. .. abcd arch2.tar kartik newfile page vim.txt zap_scan.sh
```

L\$ unzip sample-large-zip-file
Archive: sample-large-zip-file.zip
 inflating: sample-mpg-file.mpg

Process Management



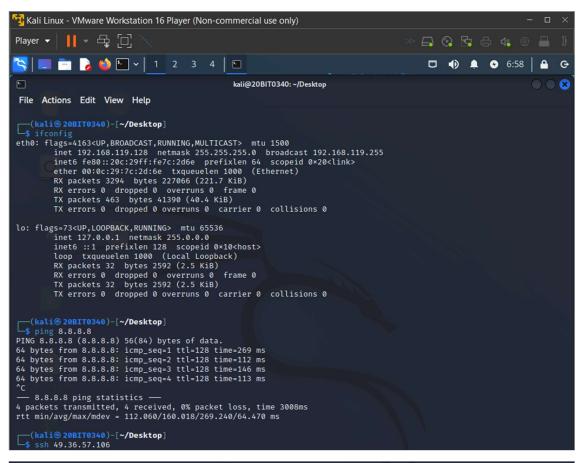
```
(kali@20BIT0340)-[~/Desktop]
$ kill 1191
```



System Information

```
Kali Linux - VMware Workstation 16 Player (Non-commercial use only)
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                                               •
                                               kali@20BIT0340: ~/Desktop
File Actions Edit View Help
[-(kali⊛20BIT0340)-[~/Desktop]
bg: no current job
(kali@20BIT0340)-[~/Desktop]
fg: no current job
_$ uname
  --(kali⊕20BIT0340)-[~/Desktop]
Filesystem
               1K-blocks Used Available Use% Mounted on
                             0 3742948 0% /dev
1184 754620 1% /run
udev
                3742948
                  3742948 0
755804 1184
                                               1% /run
                                    754620
tmpfs
                                    393044 98% /
3779004 0% /dev/shm
5120 0% /run/lock
/dev/sda1
                19480400 18072472
                3779004 0
5120 0
tmpfs
tmpfs
                             88 755712 1% /run/user/1000
                 755800
tmpfs
(kali@20BIT0340)-[~/Desktop]
               total
                                       free
                                                   shared buff/cache
                                                                        available
                           used
                                     5981080
Mem:
             7558008
                          793440
                                                   14052
                                                              783488
                                                                         6485684
Swap:
              998396
                                      998396
\( \bigcup_{\text{kali\overline}} \) 20BIT0340 \) - [~/Desktop] uptime
06:55:17 up 2:44, 1 user, load average: 0.18, 0.25, 0.23
  —(kali⊕20BIT0340)-[~/Desktop]
$ who
kali
                      2023-05-21 20:29 (:0)
  -(kali@20BIT0340)-[~/Desktop]
06:55:28 up 2:44, 1 user, load average: 0.23, 0.26, 0.23
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
kali tty7 :0 21May23 7days 1:03 0.68s xfce4-session
USER
kali
```

Networking



```
(kali® 208IT0340)-[~/Desktop]
$ scp -r /var/www/html/ 49.36.57.106

—(kali® 208IT0340)-[~/Desktop]
$ wget https://www.learningcontainer.com/sample-zip-files/#
—2023-05-29 06:58:16-- https://www.learningcontainer.com/sample-zip-files/
Resolving www.learningcontainer.com (www.learningcontainer.com)... 172.67.188.164, 104.21.84.74, 2606:4700:3037::681
5:544a, ...
Connecting to www.learningcontainer.com (www.learningcontainer.com)|172.67.188.164|:443... connected.
HTTP request sent, awaiting response ... 200 OK
Length: unspecified [text/html]
Saving to: 'index.html'
index.html [ ⇔ ] 78.12K 127KB/s in 0.6s

2023-05-29 06:58:21 (127 KB/s) - 'index.html' saved [79996]
```

System Administration

