

1

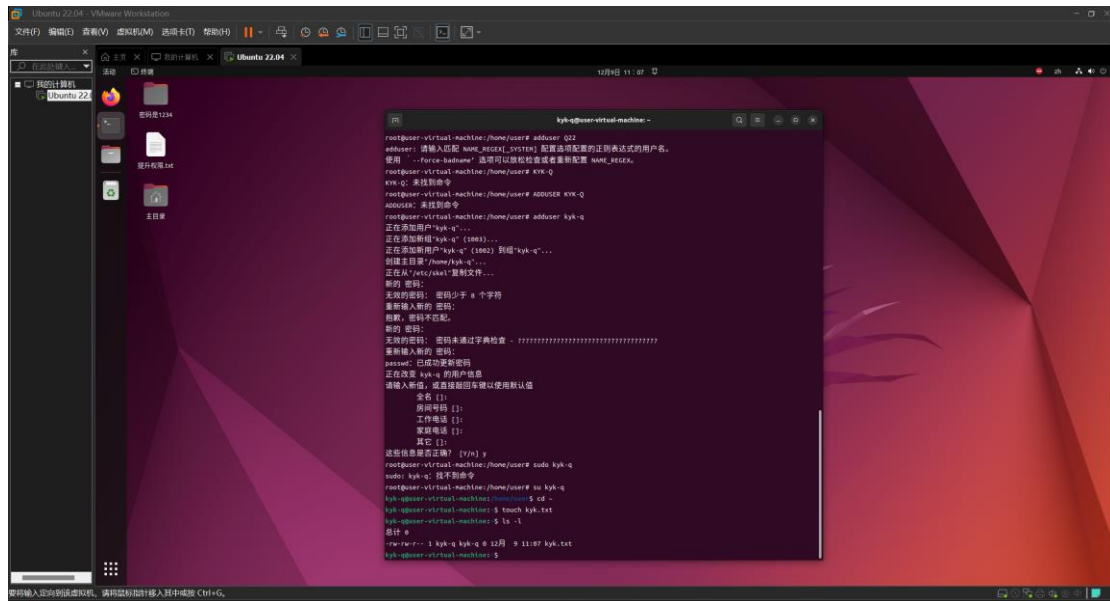
```
user@user-virtual-machine: ~/Q22010308

user@user-virtual-machine:~$ pwd
/home/user
user@user-virtual-machine:~$ cd ~
user@user-virtual-machine:~$ mkdir Q22010308
mkdir: 无法创建目录 "Q22010308": 文件已存在
user@user-virtual-machine:~$ cd Q22010308
user@user-virtual-machine:~/Q22010308$ mkdir kyk
user@user-virtual-machine:~/Q22010308$ ls
kyk
user@user-virtual-machine:~/Q22010308$ rmdir kyk
user@user-virtual-machine:~/Q22010308$ ls
user@user-virtual-machine:~/Q22010308$ ls
user@user-virtual-machine:~/Q22010308$
```

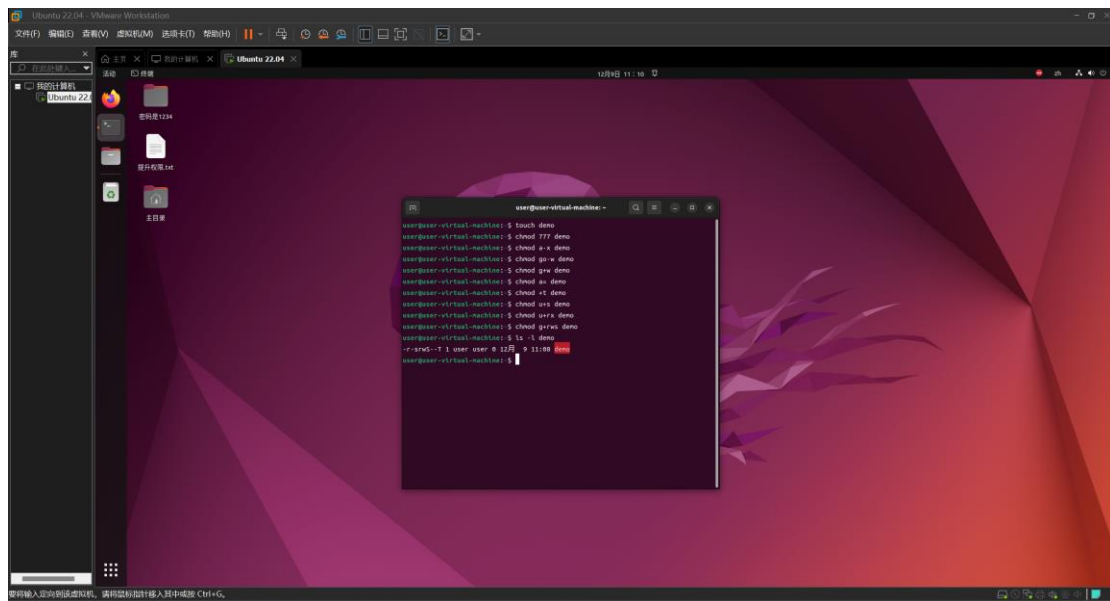
2

```
尝试 sudo apt install <deb name>
user@user-virtual-machine:~/Q22010308$ cd ~
user@user-virtual-machine:~$ touch kyk.txt
user@user-virtual-machine:~$ ls
1.txt  下载      kyk.txt      process_image  secret.key
2.txt  音乐      linuxexp     public_key.pem  snap
3.txt  桌面      OS           Q22010308      WithBase64CBC.encn
4.c    cipher.enc others       Q22010308.sig  WithBase64.encn
公共的 cipher.txt plaintext.txt Q22010308.txt  WithBase65ECB.encn
模板   exp1      private.key  sample         WithoutBase64.encn
视频   exp2      privatekey.key sample3
图片   iv.key    private_key.pem sample5
文档   kongyukai2.txt private.txt  sample5.c
user@user-virtual-machine:~$ echo "hello world" > kyk.txt
user@user-virtual-machine:~$ cat kyk.txt
hello world
user@user-virtual-machine:~$ cp kyk.txt kyk2.txt
user@user-virtual-machine:~$ mv kyk.txt Q22010308.txt
user@user-virtual-machine:~$ ls
1.txt  下载      kyk2.txt      process_image  secret.key
2.txt  音乐      linuxexp     public_key.pem  snap
3.txt  桌面      OS           Q22010308      WithBase64CBC.encn
4.c    cipher.enc others       Q22010308.sig  WithBase64.encn
公共的 cipher.txt plaintext.txt Q22010308.txt  WithBase65ECB.encn
模板   exp1      private.key  sample         WithoutBase64.encn
视频   exp2      privatekey.key sample3
图片   iv.key    private_key.pem sample5
文档   kongyukai2.txt private.txt  sample5.c
user@user-virtual-machine:~$
```

3



4



```
user@user-virtual-machine:~$ touch others
user@user-virtual-machine:~$ tar -czvf backup.tar.gz others
others/
others/1/
others/2/
user@user-virtual-machine:~$ ls -l
总计 208
-rw-rw-r-- 1 user user 0 11月 27 17:06 1.txt
-rw-rw-r-- 1 user user 0 11月 27 17:06 2.txt
-rw-rw-r-- 1 user user 0 11月 27 17:07 3.txt
-rw-rw-r-- 1 user user 0 12月 8 10:21 4.c
drwxr-xr-x 2 user user 4096 7月 7 2023 公共的
drwxr-xr-x 2 user user 4096 7月 7 2023 模板
drwxr-xr-x 2 user user 4096 7月 7 2023 视频
drwxr-xr-x 2 user user 4096 7月 7 2023 图片
drwxr-xr-x 2 user user 4096 7月 7 2023 文档
drwxr-xr-x 2 user user 4096 7月 7 2023 下载
drwxr-xr-x 2 user user 4096 7月 7 2023 音乐
drwxr-xr-x 3 user user 4096 10月 20 19:22 桌面
-rw-rw-r-- 1 user user 140 12月 9 11:12 backup.tar.gz
-rw-rw-r-- 1 user user 65 11月 27 17:04 cipher.enc
-rw-rw-r-- 1 user user 23 11月 27 16:08 cipher.txt
-r-srws--T 1 user user 0 12月 9 11:08 demo
drwxrwxr-x 2 user user 4096 10月 20 19:53 exp1
drwxrwxr-x 2 user user 4096 12月 1 13:33 exp2
-rw-rw-r-- 1 user user 25 11月 27 15:40 iv.key
-rw-rw-r-- 1 user user 12 10月 14 10:18 kongyukai2.txt
-rw-rw-r-- 1 user user 12 12月 9 10:50 kyk2.txt
drwxrwxr-x 3 user user 4096 12月 9 10:23 linuxexp
drwxrwxr-x 2 user user 4096 10月 20 17:40 05
drwxrwxr-x 4 user user 4096 12月 9 11:12 others
-rw-rw-r-- 1 user user 31 11月 27 15:41 plaintext.txt
-rw----- 1 user user 1704 11月 27 16:21 private.key
-rw----- 1 user user 1704 11月 27 15:21 privatekey.key
-rw----- 1 user user 912 11月 27 16:29 private_key.pem
-rw-rw-r-- 1 user user 1704 11月 27 16:23 private.txt
-rwxrwxr-x 1 user user 16224 12月 8 10:03 process_image
-rw-rw-r-- 1 user user 272 11月 27 16:30 public_key.pem
drwxrwxr-x 2 user user 4096 12月 9 10:47 Q22010308
-rw-rw-r-- 1 user user 128 11月 27 16:38 Q22010308.sig
-rw-rw-r-- 1 user user 12 12月 9 10:49 Q22010308.txt
-rwxrwxr-x 1 user user 16224 12月 8 09:55 sample
-rwxrwxr-x 1 user user 16224 12月 8 10:12 sample3
-rwxrwxr-x 1 user user 16312 12月 8 10:28 sample5
-rw-rw-r-- 1 user user 4223 12月 8 10:28 sample5.c
-rw-rw-r-- 1 user user 25 11月 27 15:39 secret.key
drwx----- 4 user user 4096 7月 7 2023 snap
-rw-rw-r-- 1 user user 65 11月 27 16:01 WlthBase64CBC.encn
-rw-rw-r-- 1 user user 65 11月 27 15:56 WlthBase64.encn
-rw-rw-r-- 1 user user 65 11月 27 16:04 WlthBase65ECB.encn
-rw-rw-r-- 1 user user 48 11月 27 15:52 WlthoutBase64.encn
user@user-virtual-machine:~$ tar -xzf backup.tar.gz
others/
others/1/
others/2/
user@user-virtual-machine:~$ ls -l
总计 208
-rw-rw-r-- 1 user user 0 11月 27 17:06 1.txt
-rw-rw-r-- 1 user user 0 11月 27 17:06 2.txt
-rw-rw-r-- 1 user user 0 11月 27 17:07 3.txt
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drwxr-xr-x 2 user user 4096 7月 7 2023 图片
drwxr-xr-x 2 user user 4096 7月 7 2023 文档
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drwxr-xr-x 2 user user 4096 7月 7 2023 音乐
drwxr-xr-x 3 user user 4096 10月 20 19:22 桌面
-rw-rw-r-- 1 user user 140 12月 9 11:12 backup.tar.gz
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-rw-rw-r-- 1 user user 23 11月 27 16:08 cipher.txt
-r-srws--T 1 user user 0 12月 9 11:08 demo
drwxrwxr-x 2 user user 4096 10月 20 19:53 exp1
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-rw-rw-r-- 1 user user 25 11月 27 15:40 iv.key
-rw-rw-r-- 1 user user 12 10月 14 10:18 kongyukai2.txt
-rw-rw-r-- 1 user user 12 12月 9 10:50 kyk2.txt
drwxrwxr-x 3 user user 4096 12月 9 10:23 linuxexp
drwxrwxr-x 2 user user 4096 10月 20 17:40 05
drwxrwxr-x 4 user user 4096 12月 9 11:12 others
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-rw----- 1 user user 1704 11月 27 16:21 private.key
-rw----- 1 user user 1704 11月 27 15:21 privatekey.key
-rw----- 1 user user 912 11月 27 16:29 private_key.pem
-rw-rw-r-- 1 user user 1704 11月 27 16:23 private.txt
-rwxrwxr-x 1 user user 16224 12月 8 10:03 process_image
-rw-rw-r-- 1 user user 272 11月 27 16:30 public_key.pem
drwxrwxr-x 2 user user 4096 12月 9 10:47 Q22010308
-rw-rw-r-- 1 user user 128 11月 27 16:38 Q22010308.sig
-rw-rw-r-- 1 user user 12 12月 9 10:49 Q22010308.txt
-rwxrwxr-x 1 user user 16224 12月 8 09:55 sample
-rwxrwxr-x 1 user user 16224 12月 8 10:12 sample3
-rwxrwxr-x 1 user user 16312 12月 8 10:28 sample5
-rw-rw-r-- 1 user user 4223 12月 8 10:28 sample5.c
-rw-rw-r-- 1 user user 25 11月 27 15:39 secret.key
drwx----- 4 user user 4096 7月 7 2023 snap
-rw-rw-r-- 1 user user 65 11月 27 16:01 WlthBase64CBC.encn
-rw-rw-r-- 1 user user 65 11月 27 15:56 WlthBase64.encn
-rw-rw-r-- 1 user user 65 11月 27 16:04 WlthBase65ECB.encn
-rw-rw-r-- 1 user user 48 11月 27 15:52 WlthoutBase64.encn
user@user-virtual-machine:~$
```

```
user@user-virtual-machine:~$ touch textfile
user@user-virtual-machine:~$ grep '^n' textfile
no, I study in njupt.
user@user-virtual-machine:~$ grep '\.00$' textfile
this line ends with .00
He is 15. It is 16.00
user@user-virtual-machine:~$ grep '5\.. ' textfile
He is 15. It is 16.00
```

```
user@user-virtual-machine:~$ grep '^[wy]' textfile
wy is the short of my name.
user@user-virtual-machine:~$
```