**Try running below commands**  
docker version

**Hint : to get the command output in page wise use below command**  
docker version | less  
**Run q to exit from the less**  
q

Task 3

Let's check how many containers are running ?

* [ ] A. 4
* [ ] B. 6
* [ ] c. 7

Answer

B

HOW?`docker ps`

Let's check how many docker network are configured ?

* [ ] A. 1
* [ ] B. 2
* [ ] c. 3

Answer

C

HOW?`docker network ls`

Let's pull busybox:1.26 image !!

* [ ] A. docker pull buxybox:1.26
* [ ] B. docker fetch busybox:1.26
* [ ] c. docker pull busybox:1.26

Answer

C

##### Let's look into the file level isolation

**We need a directory for the chroot to test**  
chr=/home/testuser/testroot  
**Let's create directory**  
mkdir -p $chr

**Now we will create some directory to hold few binaries and library from system**  
mkdir -p $chr/{bin,lib,lib64}  
**Let's get into our chroot directory**  
cd $chr

**Now let's copy one binary that we can provide as minimalist Linux environment**  
cp -v /bin/bash $chr/bin

**Now let's check the dependancies for the binaries and copy them to our directory**  
ldd /bin/bash  
**Let's save it in variable for simplicity**  
list="$(ldd /bin/bash | egrep -o '/lib.\*\.[0-9]')"  
**Let's check the value of variable**  
echo $list  
**Let's use for loop to copy content**  
for i in $list; do cp -v --parents "$i" "${chr}"; done

**SO Finally! we are ready to chroot**  
sudo chroot $chr bin/bash

**Let's try to run ls command**  
echo 'This is testing of the chroot'  
Ignore warning relate to setLocale

**Let's check if we are able to run other commands**  
touch test.txt

**Let's get out of the JAIL**  
exit

**Let's check Again! if we are able to run other commands**  
touch test.txt