

Quiz5_ Packet Sniffing and Spoofing Lab

Docker build and up as last one

```
Terminal
ialsmadi@VM:~$ cd Downloads/Lab5
ialsmadi@VM:~/Downloads/Lab5$ ls
Labsetup
ialsmadi@VM:~/Downloads/Lab5$ cd Labsetup/
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ ls
docker-compose.yml volumes
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker-compose build
Creating network "net-10.9.0.0" with the default driver
Creating hostA-10.9.0.5 ... done
Creating hostB-10.9.0.6 ... done
Creating seed-attacker ... done
Attaching to seed-attacker, hostB-10.9.0.6, hostA-10.9.0.5
hostB-10.9.0.6 | * Starting internet superserver inetd
hostA-10.9.0.5 | * Starting internet superserver inetd
```

Then docker ps to get the name of the hosts

```
ialsmadi@VM:~/Downloads/Lab5/Labsetup/volumes$ cd ..
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker exec df28595892bd
"docker exec" requires at least 2 arguments.
See 'docker exec --help'.

Usage:  docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ ls
docker-compose.yml volumes
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker ps
CONTAINER ID        IMAGE               COMMAND                  STATUS              PORTS              NAMES
75471937eeab       handsonsecurity/seed-ubuntu:large /bin/sh               Up 18 minutes           seed-attacker
df28595892bd       handsonsecurity/seed-ubuntu:large "bash /etc/init.d"    Up 18 minutes         hostB-10.9.0.6
25af91680eff       handsonsecurity/seed-ubuntu:large "bash /etc/init.d"    Up 18 minutes         hostA-10.9.0.5
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker exec handsonsecurity/seed-ubuntu:large
"docker exec" requires at least 2 arguments.
See 'docker exec --help'.

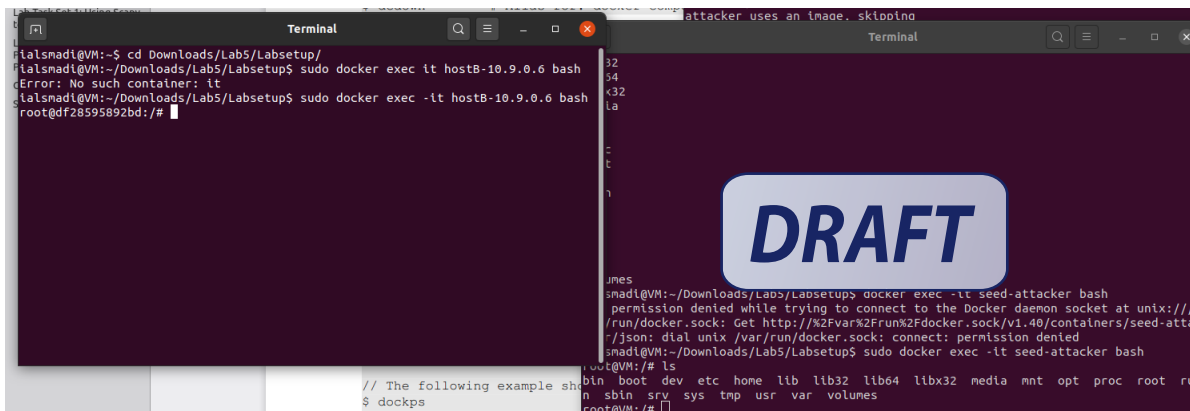
Usage:  docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

Run a command in a running container
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker exec handsonsecurity/seed-ubuntu:large ls
Error: No such container: handsonsecurity/seed-ubuntu:large
ialsmadi@VM:~/Downloads/Lab5/Labsetup$
```

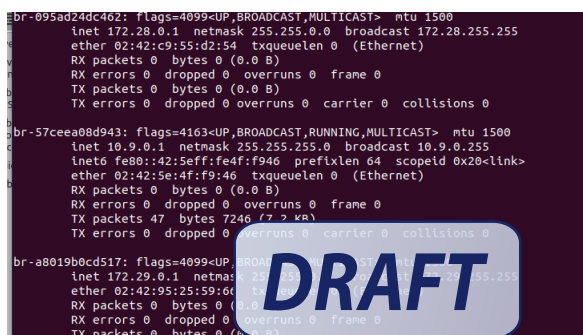
Make sure you note the names at the end

Next, execute an interactive bash shell on the container.

```
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ docker exec -it seed-attacker bash
Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: connect: permission denied
ialsmadi@VM:~/Downloads/Lab5/Labsetup$ sudo docker exec -it seed-attacker bash
root@seed-attacker:/# ls
bin boot dev etc home lib lib32 lib64 libx32 media mnt opt proc root run sbin srv sys tmp usr var volumes
root@seed-attacker:/#
```

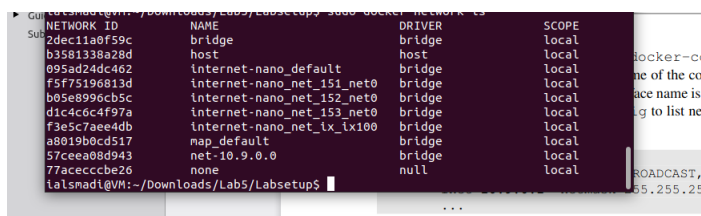


Then get the bridge ID for the host IP



In my case its br-57ceea08d943

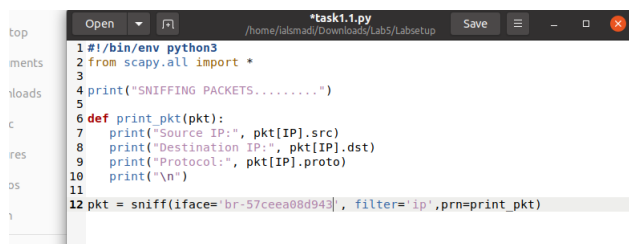
Docker network command shows the same value



----- Now we are ready for lab tasks -----

Lets complete only the first 4 tasks 1.1, 1.2, 1.3, 1.4

I will show you code for task1.py (Make sure you change interface based on yours)



Lets run code of task 1.1

