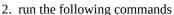
## SECKC DOCKER WORKSHOP CHALLENGE

Manual docker container build and commit to dockerhub

 ssh digital ocean / open terminal session on your local docker install ssh seckc@104.131.158.79

1.5 **docker login** (*skip step unless you have your own docker instance*) **note**: docker login command has to be run if you do this on your system. You can get a free dockerhub account at hub.docker.com



cd docker

mkdir username - ( username will be your handle / tag )

cd username

vi Dockerfile – or .... nano if you cant vi ... or copy /docker/Dockerfile ./

FROM gliderlabs/alpine:latest

MAINTAINER Oss SecKC <oss@seckc.org>

RUN apk add --no-cache bash && \

echo "export PS1='oss made this > "" > /root/.bashrc

ENTRYPOINT ["/bin/bash"]

3. Put the above lines in the Dockerfile.

Replace **Oss SecKC <oss@seckc.org>** with your info (*MAINTAINER seckc workshops <seckc@workshops>*)
Replace 'oss made this' line with your own prompt. ( *echo "export PS1='made at seckc > ' " > /root/.bashrc* )

4. Run the docker build command

docker build -t dockerhubaccount/repo:tag . (<—- there is a period here for current directory)

docker build -t workshops4seckc/demo:oss . (<—-replace oss with your workshops4seckc/demo:tag for the tag)

5. Create a screen session to start your container and remember your screen name. Below I make oss-screen screen -S your-screen-name-here docker run -it workshops4seckc/demo:tag

screen -S oss-screen docker run -it workshops4seckc/demo:oss

6. Disconnect from your running screen session

## Control + A, then the D key to disconnect

Successful disconnect will change your terminal prompt

7. Next run docker ps and find your container id (grep for your tag) i.e. docker ps | grep yourname

## docker ps | grep oss

the item we need here is the first column. It contains your container id. i.e. 43b40bcafb1b

8. Take the container id from the running container and run docker commit with it

docker commit 43b40bcafb1b<tab> workshops4seckc/demo:your-tag-here (<--- note contdockerhub\_id/repo:tag )

docker commit 43b40bcafb1b02455020b2bed02922 workshops4seckc/demo:oss

upon success this will return an sha256 sum

9. Next we need to push to docker hub to publish our container

docker push workshops4seckc/demo:your-tag-here (<--- note dockerhub\_id/repo:tag )

## docker push workshops4seckc/demo:oss

upon success this will return an sha256 sum

- 10. visit https://hub.docker.com/r/workshops4seckc/demo/tags/ find your tag :)
- 11. re-attach to your screen session that was created above and exit. (cleanup)

screen -rx oss-screen exit