

# Deploying ELK Stack on Docker Container. :-

## 1.Installing ELK on Docker :-

```
sudo sysctl -w vm.max_map_count=262144
```

2.Pull the image

```
sudo docker pull sebp/elk
```

## 3.To build image :-

```
git clone https://github.com/spujadas/elk-docker.git
```

```
cd elk-docker
```

4.Using Docker Build

```
sudo docker build -t elk-docker .
```

SS:-

```
File Edit View Terminal Tabs Help
kartikgoyalmpaha@ip-172-31-31-170:~/Desktop$ cd elk-docker
kartikgoyalmpaha@ip-172-31-31-170:~/Desktop/elk-docker$ sudo docker build -t elk-docker .
Sending build context to Docker daemon 1.072MB
Step 1/44 : ARG IMAGE=focal-1.1.0
Step 2/44 : FROM phusion/baseimage:${IMAGE}
focal-1.1.0: Pulling from phusion/baseimage
35807b77a593: Already exists
ccfecfa17ed6: Already exists
499764c8dc6b: Already exists
Digest: sha256:3d598c4e2861de2bed68b017755d1a1ad50dc1eeb290f28c4eb636ec8c0c0abc
Status: Downloaded newer image for phusion/baseimage:focal-1.1.0
--> a081952496e3
Step 3/44 : MAINTAINER Sebastien Pujadas http://pujadas.net
--> Running in 68b1f2475035
Removing intermediate container 68b1f2475035
--> 46411b7be2c5
Step 4/44 : ENV REFRESHED AT=2020-06-20
--> Running in 53828ef0b7f3
Removing intermediate container 53828ef0b7f3
--> cd90da4770a4
Step 5/44 : RUN set -x && apt update -qq && apt install -qqy --no-install-recommends ca-certificates curl gosu tzdata openjdk-11-jdk-headless && apt clean &
& rm -rf /var/lib/apt/lists/* && gosu nobody true && set +x
```