**DEPLOYING ELK STACK ON DOCKER CONTAINER**

**Pulling the Image**

sudo docker pull sebp/elk

### Building the Image from Source Files

git clone <https://github.com/saranya611/elk-docker.git>

cd elk-docker

**To build the image**

sudo docker build -t elk-docker .

## Installing Plugins

sudo nano Dockerfile

### Elasticsearch

FROM sebp/elk

ENV ES\_HOME /opt/elasticsearch

WORKDIR ${ES\_HOME}

RUN yes | CONF\_DIR=/etc/elasticsearch gosu elasticsearch bin/elasticsearch-plugin \

install -b <plugin name or link>

### Logstash

FROM sebp/elk

WORKDIR ${LOGSTASH\_HOME}

RUN gosu logstash bin/logstash-plugin install <plugin name>

### Kibana

FROM sebp/elk

WORKDIR ${KIBANA\_HOME}

RUN gosu kibana bin/kibana-plugin install <plugin name or link>

## Running the ELK Container

Two ways to run the ELK container:

* + From the image through the **docker run** command.
  + Using Docker compose