

## Deploying ELK Stack on Docker Container

### Source Code

```
java -version
sudo yum -y install java-1.8.0-openjdk
java -version
sudo su
yum install -y
cd /root
wget
https://download.elastic.co/elasticsearch/elasticsearch/elasticsearch-
1.7.2.noarch.rpm
yum install elasticsearch-1.7.2.noarch.rpm -y
rm -f elasticsearch-1.7.2.noarch.rpm
service elasticsearch start
sudo chkconfig --add elasticsearch
echo "network.host: 0.0.0.0" >> /etc/elasticsearch/elasticsearch.yml
```

Output/////

```
{
  "status" : 200,
```

```
"name" : "Jocasta",  
"cluster_name" : "elasticsearch",  
"version" : {  
  "number" : "1.7.2",  
  "build_hash" : "e43676b1385b8125d647f593f7202acbd816e8ec",  
  "build_timestamp" : "2015-09-14T09:49:53Z",  
  "build_snapshot" : false,  
  "lucene_version" : "4.10.4"  
},  
"tagline" : "You Know, for Search"  
}
```

```
cd /usr/share/elasticsearch/
```

```
./bin/plugin -install mobz/elasticsearch-head
```

```
./bin/plugin -install lukas-vlcek/bigdesk
```

```
./bin/plugin -install elasticsearch/elasticsearch-cloud-aws/2.7.1
```

```
./bin/plugin -install lmenezes/elasticsearch-kopf/1.5.7
```

```
sudo su
```

```
yum update -y
```

```
cd /root
```

```
wget https://download.elastic.co/kibana/kibana/kibana-4.1.2-linux-x64.tar.gz
```

```
tar xzf kibana-4.1.2-linux-x64.tar.gz
```

```
rm -f kibana-4.1.2-linux-x64.tar.gz
```

```
cd kibana-4.1.2-linux-x64
```

```
nano config/kibana.yml
```

```
nohup ./bin/kibana &
```

```
nohup: ignoring input and appending output to 'nohup.out'
```