

Output Screenshot for Deploying ELK Stack on Docker Container:

```
Terminal
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...
/home/ubuntu/
Name
ssh
.cache
.xauthority
.profile
.bashrc
.bash_logout

Usage: docker build [OPTIONS] PATH | URL | -
Build an image from a Dockerfile
ubuntu@ip-172-31-31-185:~$ sudo docker run -p 5601:5601 -p 9200:9200 -p 5044:5044 -it --name elk sebp/elk
* Starting Elasticsearch Server
[2022-10-10T08:16:43,341][INFO ][o.e.n.Node               ] [elk] version[8.3.3], pid[101], build[tar/801fed82df74dbe537f89b71
b098ccaff88d2c56/2022-07-23T19:30:09.227964828Z], OS[Linux/5.15.0-1019-aws/amd64], JVM[Oracle Corporation/OpenJDK 64-Bit Serve
r VM/18.0.2/18.0.2+9-61]
[2022-10-10T08:16:43,356][INFO ][o.e.n.Node               ] [elk] JVM home [/opt/elasticsearch/jdk], using bundled JDK [true]
[2022-10-10T08:16:43,358][INFO ][o.e.n.Node               ] [elk] JVM arguments [-Des.networkaddress.cache.ttl=60, -Des.networ
kaddress.cache.negative.ttl=10, -Djava.security.manager=allow, -XX:+AlwaysPreTouch, -Xss1m, -Djava.awt.headless=true, -Dfile.e
ncoding=UTF-8, -Djna.nosys=true, -XX:-OmitStackTraceInFastThrow, -Dio.netty.noUnsafe=true, -Dio.netty.noKeySetOptimization=tru
e, -Dio.netty.recycler.maxCapacityPerThread=0, -Dlog4j.shutdownHookEnabled=false, -Dlog4j2.disable.jmx=true, -Dlog4j2.formatMs
gNoLookups=true, -Djava.locale.providers=SPI,COMPAT, --add-opens=java.base/java.io=ALL-UNNAMED, -XX:+UseG1GC, -Djava.io.tmpdir
=/tmp/elasticsearch-14167222132619064699, -XX:+HeapDumpOnOutOfMemoryError, -XX:+ExitOnOutOfMemoryError, -XX:HeapDumpPath=data,
-XX:ErrorFile=logs/hs_err_pid%p.log, -Xlog:gc*,gc+age=trace,safepoint:file=logs/gc.log:utctime,pid,tags:filecount=32,filesize
=64m, -Xms386m, -Xmx386m, -XX:MaxDirectMemorySize=202375168, -XX:G1HeapRegionSize=4m, -XX:InitiatingHeapOccupancyPercent=30, -
XX:G1ReservePercent=15, -Des.distribution.type=tar, --module-path=/opt/elasticsearch/lib, -Djdk.module.main=org.elasticsearch.
server]
[2022-10-10T08:16:47,573][INFO ][c.a.e.i.j.JacksonVersion ] [elk] Package versions: jackson-annotations=2.13.2, jackson-core=2
.13.2, jackson-databind=2.13.2, jackson-dataformat-xml=2.13.2, jackson-datatype-jsr310=2.13.2, azure-core=1.27.0, Troubleshoo
ting version conflicts: https://aka.ms/azsdk/java/dependency/troubleshoot
[2022-10-10T08:16:50,493][INFO ][o.e.p.PluginsService     ] [elk] loaded module [aggs-matrix-stats]
[2022-10-10T08:16:50,495][INFO ][o.e.p.PluginsService     ] [elk] loaded module [analysis-common]
[2022-10-10T08:16:50,496][INFO ][o.e.p.PluginsService     ] [elk] loaded module [constant-keyword]
[2022-10-10T08:16:50,497][INFO ][o.e.p.PluginsService     ] [elk] loaded module [data-streams]
[2022-10-10T08:16:50,499][INFO ][o.e.p.PluginsService     ] [elk] loaded module [frozen-indices]
[2022-10-10T08:16:50,501][INFO ][o.e.p.PluginsService     ] [elk] loaded module [ingest-common]
[2022-10-10T08:16:50,502][INFO ][o.e.p.PluginsService     ] [elk] loaded module [ingest-geoip]
[2022-10-10T08:16:50,504][INFO ][o.e.p.PluginsService     ] [elk] loaded module [ingest-user-agent]
[2022-10-10T08:16:50,505][INFO ][o.e.p.PluginsService     ] [elk] loaded module [kibana]
[2022-10-10T08:16:50,506][INFO ][o.e.p.PluginsService     ] [elk] loaded module [lang-expression]

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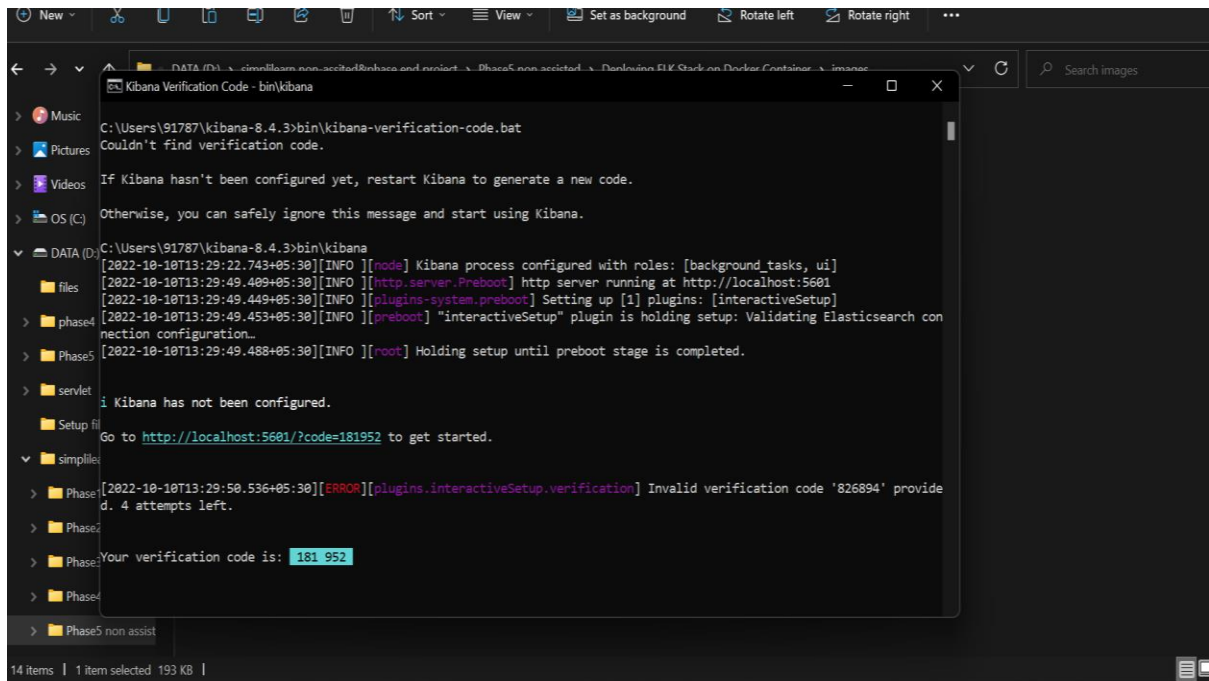
```
Terminal
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Quick connect...
/home/ubuntu/
Name
ssh
.cache
.xauthority
.profile
.bashrc
.bash_logout

499764c8dc6b: Pull complete
852408a32677: Pull complete
54708734fb44: Pull complete
d7cc42bfa03c: Pull complete
6625a6f1d86b: Pull complete
7c98df97d7cf: Pull complete
13688a037598: Pull complete
fe439ff4d5b8: Pull complete
64762ccae269: Pull complete
c244ad27e4e9: Pull complete
94027398bc96: Pull complete
0114a954c048: Pull complete
209ce9b2e704: Pull complete
b7a559e6298c: Pull complete
704404441f28: Pull complete
d59fb5a234fe: Pull complete
9e160ec435df: Pull complete
fd0ebf069c4f: Pull complete
906a0eb740af: Pull complete
842bfa0155a5: Pull complete
78cc6b4b31d3: Pull complete
f96c328c5a63: Pull complete
0d9496db9bb6: Pull complete
d8ef11d2f849: Pull complete
52dd694b0471: Pull complete
4f4fb700ef54: Pull complete
9bc4c7d6f111: Pull complete
6fffe524e62fa: Pull complete
2e4f2a9d1761: Pull complete
Digest: sha256:254ec5407c3ba33b54cc7d2ef2d8d2fe8325f63b225da7198443374c889dc61a
Status: Downloaded newer image for sebp/elk:latest
docker.io/sebp/elk:latest
ubuntu@ip-172-31-31-185:~$

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Install Kibana



```
C:\Users\91787\Kibana-8.4.3>bin\kibana-verification-code.bat
Couldn't find verification code.

If Kibana hasn't been configured yet, restart Kibana to generate a new code.

Otherwise, you can safely ignore this message and start using Kibana.

C:\Users\91787\Kibana-8.4.3>bin\kibana
[2022-10-10T13:29:22.743+05:30][INFO ][node] Kibana process configured with roles: [background_tasks, ui]
[2022-10-10T13:29:49.489+05:30][INFO ][http.server.Preboot] http server running at http://localhost:5601
[2022-10-10T13:29:49.449+05:30][INFO ][plugins-system.preboot] Setting up [1] plugins: [interactiveSetup]
[2022-10-10T13:29:49.453+05:30][INFO ][preboot] "interactiveSetup" plugin is holding setup: Validating Elasticsearch con
nection configuration...
[2022-10-10T13:29:49.488+05:30][INFO ][root] Holding setup until preboot stage is completed.

i Kibana has not been configured.

Go to http://localhost:5601/?code=181952 to get started.

[2022-10-10T13:29:50.536+05:30][ERROR][plugins.interactiveSetup.verification] Invalid verification code '826894' provide
d. 4 attempts left.

Your verification code is: 181 952
```

