**Phase 5: ( Practice Project )**

**Write Up for Deploying ELK Stack on Docker Container..**

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1. Install Docker on your System and configure.

2. Git Clone to pull the ELK Docker Repository.

3. Pull an automatically built image from the Docker registry.

4. Open the docker-compose.yml file in a texteditor, and edit the code using -> sudo

nano docker-compose.yml

5. Build the image with: sudo docker-compose build elk

6. Open the Dockerfile located in the repository directory: sudo nano Dockerfile

7. Build the image using either docker build or docker-compose.

8. Run the build to install the plugin.

9. The command publishes the following ports:

5601 serves the Kibana web interface.

9200 for Elasticsearch JSON interface.

5044 for Logstash Beats interface.

10. Access the Kibana web interface with: http://localhost:5601.

11. To run the ELK container with Docker compose, use: sudo docker-compose up elk

12. Successfully installed and run the ELK stack on Docker Container