

Deploying ELK Stack on Docker Container

DESCRIPTION

Git hub link: <https://github.com/moulaalihujare/Simplilearn-Phase-5-Projects.git>

Project objective:

You have to deploy ELK Stack on a Docker container to implement continuous monitoring.

Background of the problem statement:

Your manager has asked to create an elegant user interface for data analysis and data visualization as you have worked on ELK stack previously and have the idea of how it works. This will help the DevOps team to monitor and analyze the application behavior.

You must use the following:

- Docker: To create a container for installing ELK Stack
- ELK Stack: To implement continuous monitoring
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the Angular application

```
MINGW64~/c:/Users/Sajal
```

```
Docker is configured to use the default machine with IP 192.168.99.100  
For help getting started, check out the docs at https://docs.docker.com  
  
Start interactive shell  
Sajal@Sajal-HP MINGW64 ~  
$ docker  
  
Usage: docker COMMAND  
  
A self-sufficient runtime for containers  
  
Options:  
  --config string      Location of client config files (default  
                        "C:\Users\Sajal\.docker")  
  -D, --debug           Enable debug mode  
  --help               Print usage  
  -H, --host list       Daemon socket(s) to connect to  
  -l, --log-level string Set the logging level  
                        (<debug>"|<info>"|"error">"|<fatal>"  
                        <default "info">)  
  --tls                Use TLS; implied by --tlsversion  
  --tlscacert string    Trust certs signed only by this CA (default  
                        "C:\Users\Sajal\docker\machine\machines\default\ca.pem")  
  --tlscert string       Path to TLS certificate file (default  
                        "C:\Users\Sajal\docker\machine\machines\default\cert.pem")  
  --tlskey string        Path to TLS key file (default  
                        "C:\Users\Sajal\docker\machine\machines\default\key.pem")  
  --tlsversion           Use TLS and verify the remote (default true)  
  -v, --version          Print version information and quit  
  
Management Commands:  
  config     Manage Docker configs  
  container  Manage containers  
  image      Manage images
```

