**SourceCode**

Docker installation and container creation:

create instance on AWS with ubuntu 20.01 OS

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Docker installation on Ubuntu OS \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> sudo apt-get update

> sudo apt-get install ca-certificates curl gnupg lsb-release

>curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /usr/share/keyrings/docker-archive-keyring.gpg

> echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-archive-keyring.gpg] https://download.docker.com/linux/ubuntu $(lsb\_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

\*\*\*\*\* Install Docker Engine \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> sudo apt-get update

> sudo apt-get install docker-ce docker-ce-cli containerd.io

\*\*\*\*\*\*\*\*\* let's check docker installed or not \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

> sudo docker -v or sudo docker --version

> sudo docker info

ELK stack installing using docker compose

$ sudo git clone <https://github.com/lvthillo/docker-elk.git>  
$ cd docker-elk  
$ sudo docker-compose up -d