Step-1 > First, ensure you have the curl installed.

```
sudo apt-get update
```



```
sudo apt-get install -y curl
```


Step-2 > Install Docker compose & docker.io and check their version.

```
sudo apt-get install docker-compose
```

```
sudo apt-get install docker.io
```

```
└$ sudo apt-get install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
docker.io is already the newest version (26.1.5+dfsg1-9+b2).
docker.io set to manually installed.
The following packages were automatically installed and are no longer required:
  fonts-inter-variable gnome-accessibility-themes gnome-themes-extra
  gnome-themes-extra-data icu-devtools libflac12t64 libgail-common
  libgail18t64 libgeos3.13.0 libglapi-mesa libgtk2.0-0t64 libgtk2.0-bin
  libgtk2.0-common libicu-dev liblbfgsb0 libpoppler145 libpython3.12-minimal
  libpython3.12-stdlib libpython3.12t64 python3-setproctitle python3.12-tk
  ruby-zeitwerk
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 10 not upgraded.
```

```
docker --version
```

```
docker.io --version
```

```
┌──(kausik㉿kali)-[~]
└$ docker --version
Docker version 26.1.5+dfsg1, build a72d7cd

┌──(kausik㉿kali)-[~]
└$ docker-compose --version
docker-compose version 1.29.2, build unknown
```

Step-3 > To configure and deploy OWASP crAPI, follow these steps:

1. Download the docker-compose.yml file:

```
sudo curl -o docker-compose.yml
https://raw.githubusercontent.com/OWASP/crAPI/main/deploy/docker/docker-
compose.yml
```


2. Pull the necessary Docker images:
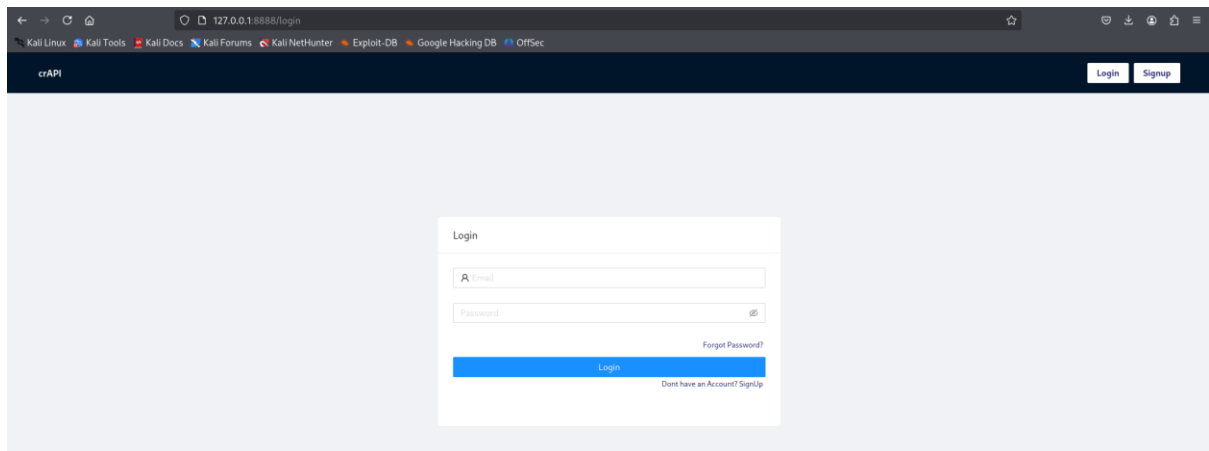
```
sudo docker-compose pull
```


3. Start the OWASP crAPI application using docker-compose: [Every time you have to run this command for getting crAPI open in browser after shutdown/restart of the system.]

```
sudo docker-compose -f docker-compose.yml --compatibility up -d
```

Step-4 > To open OWASP crAPI in local browser:

Visit http://localhost:8888

Step-5 > To open OWASP crAPI MailHog in local browser:

Visit http://localhost:8025