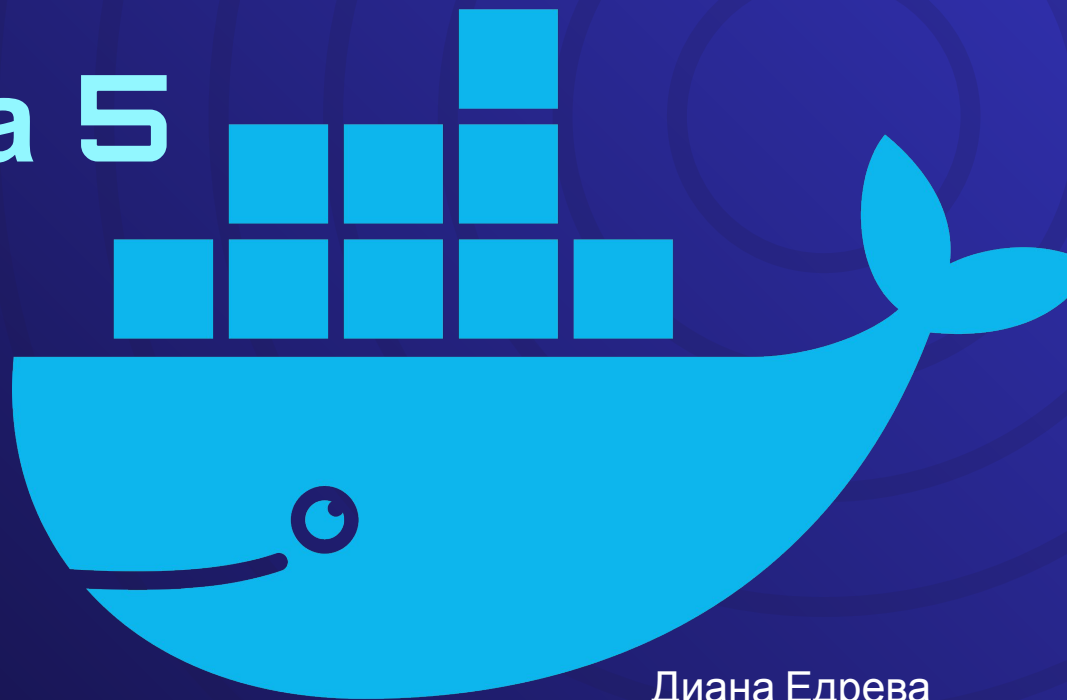


# Cyberlab за 5 минути

C Docker



Диана Едрева

# СЪДЪРЖАНИЕ

01.

Виртуализация  
VS  
Контейнеризация

02.

Готини  
едноминутни  
неща с Docker

03.

Docker  
Desktop

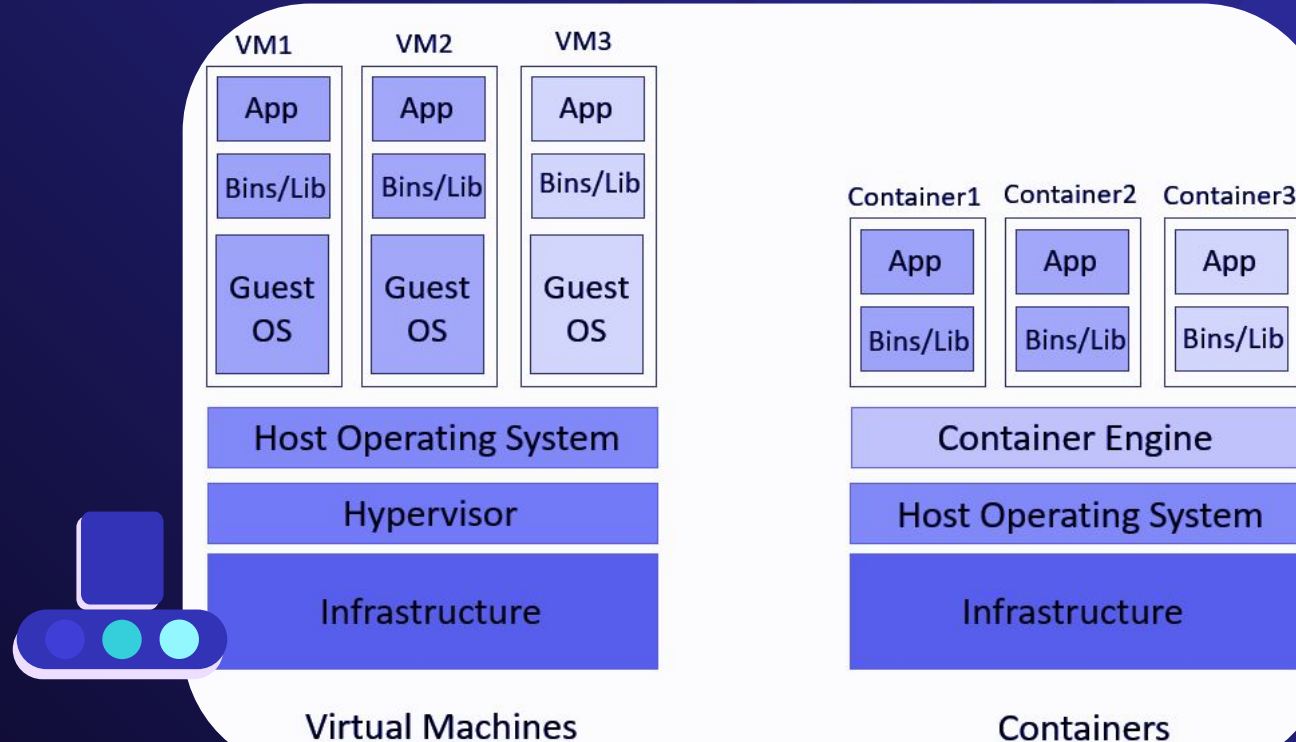
04.

Демо




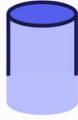
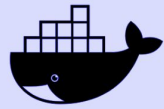

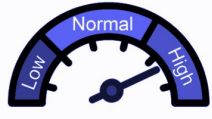
05.

Бонус ★

# Virtualisation vs Containerisation



# Virtualisation vs Containerisation

	Virtualization	Containerization
Startup time	 minutes	 seconds
Disk space		
Portability	Less Portable	
Efficiency		
Operating system/kernel	Dedicated	Shared



# Virtualisation vs Containerisation

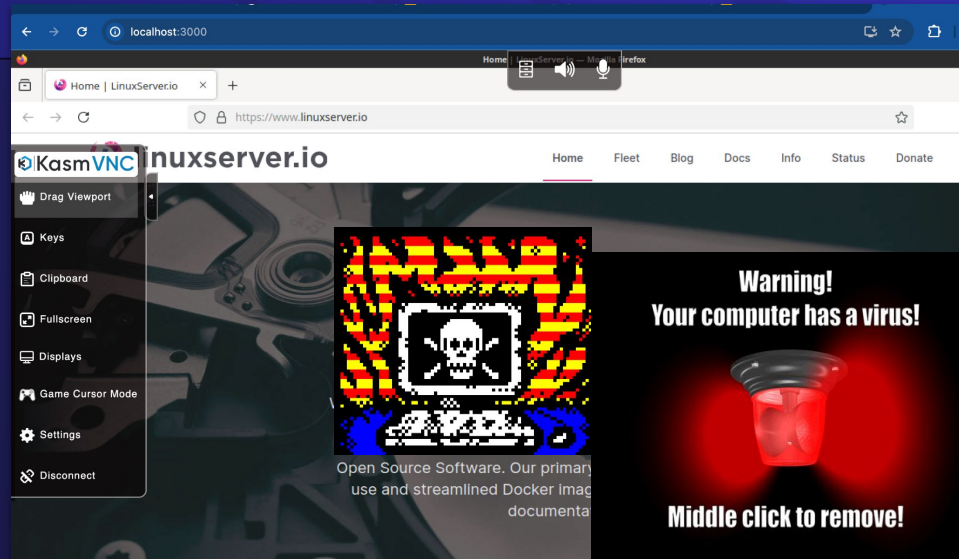




# Някои готини неща с Docker?



```
docker run -d \  
  --name=firefox \  
  --security-opt seccomp=unconfined \  
  -e PUID=1000 \  
  -e PGID=1000 \  
  -e TZ=Etc/UTC \  
  -e FIREFOX_CLI=https://www.linuxserver.io/ \  
  -p 3000:3000 \  
  -p 3001:3001 \  
  --shm-size="1gb" \  
  --restart unless-stopped \  
  lscr.io/linuxserver/firefox:latest
```



Браузър в контейнер







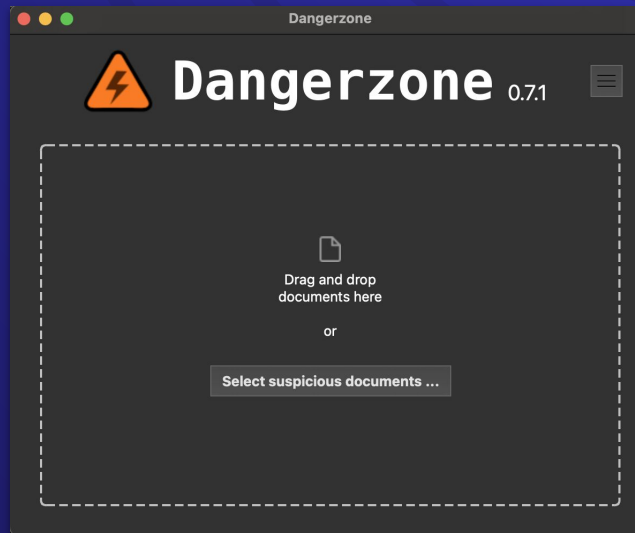
# Някои готини неща с Docker?



DangerZone:

<https://github.com/freedomofpress/dangerzone>

Документ > Изображение > pdf



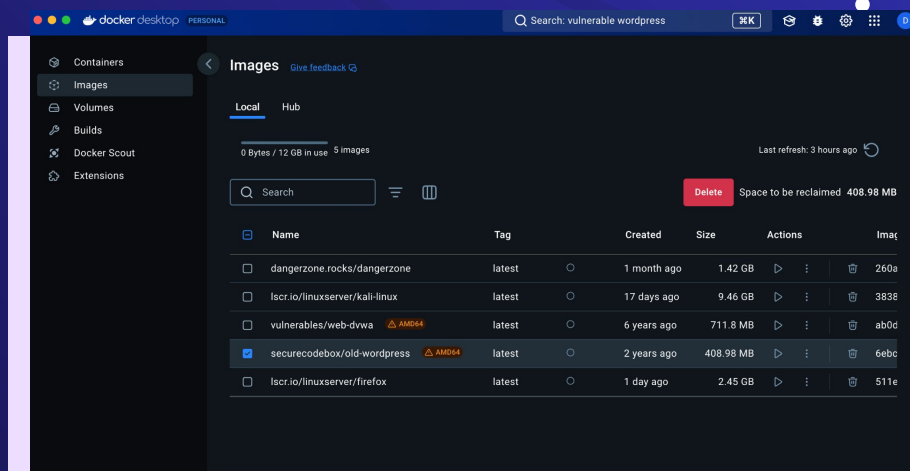
Софтуер за опасни документи



# Не харесваш cli (*bombastic side eye*) Docker Desktop

1

Не е нужно да помним всички команди когато има интерфейс за това (бонус Docker Scout )





5

# Минутна Кибер лаборатория




# Да си направим затворена мрежа


```
docker network create mynetwork
```

# Да добавим Кали Линукс в мрежата

```
docker run -d --name=kali-linux-lab  
--security-opt seccomp=unconfined -e  
PUID=1000 -e PGID=1000 -e TZ=Etc/UTC  
-e SUBFOLDER=/ -e TITLE="Kali Linux  
Lab" -p 3000:3000 -p 3001:3001  
--shm-size="1gb" --restart unless-stopped  
--network mynetwork  
lscr.io/linuxserver/kali-linux:latest
```



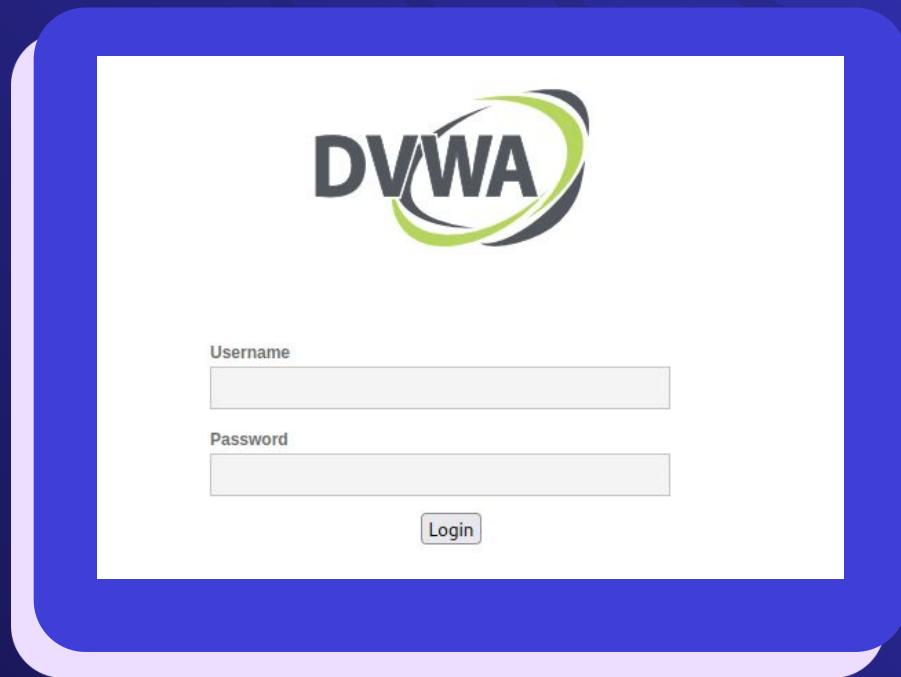
# Да добавим Damp Vulnerable Web App в мрежата



```
docker run -d --name dvwa-lab --network  
mynetwork -p 8080:80  
vulnerables/web-dvwa
```



Готово!



The image shows a login form for DVWA (Damn Vulnerable Web Application) displayed on a screen. The form has a white background and is framed by a blue border. At the top center is the DVWA logo, which consists of the letters "DVWA" in a bold, black, sans-serif font, followed by a stylized green and black circular graphic. Below the logo are two input fields: one for "Username" and one for "Password". Both fields are empty and have a light gray border. Below the password field is a "Login" button with a light gray background and a thin black border. The entire form is set against a dark blue background with various geometric shapes and icons scattered around it, including a play button, a globe, and a plus sign.

**DVWA**

Username

Password

Login



# А защо не, да тестваме Wordpress?

Wordpress се използва от над  
40% от сайтовете онлайн, защо  
да не си направим лаб за  
тестване на такъв тип сайтове?



So

Let's do it!





# What<sup>+</sup><sub>o</sub> you'll need

1

`docker network create wplab`

2

```
docker run -d --name=kali-linux-lab
--security-opt seccomp=unconfined -e
PUID=1000 -e PGID=1000 -e TZ=Etc/UTC -e
SUBFOLDER=/ -e TITLE="Kali Linux Lab" -p
3000:3000 -p 3001:3001 --shm-size="1gb"
--restart unless-stopped --network wplab
lscr.io/linuxserver/kali-linux:latest
```

```
docker run -d --name wp-lab --network wplab -p
8080:80 securecodebox/old-wordpress
```

3

`localhost:3000`



# Free Book!

Благодаря за вниманието!

С QR кода (no quishing ) можете да си свалите електронно копие на книгата ми “Сигурност в уеба: Въведение в киберсигурността”

