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# PUESTA EN PRODUCCIÓN SEGURA

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Unidad 3. Actividad 7



11 DE ENERO DE 2024  
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ESPECIALIZACIÓN DE CIBERSEGURIDAD

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## Enunciado

Actividad. Utilizando los pasos anteriores genere un archivo “docker-compose.yaml” y compruebe que funciona correctamente. Vea las diferencias entre up, start, down, stop, ps.

## Ejercicio

Primero actualizamos el sistema y nos instalamos Docker-compose:

docker compose	Buscar			
	Buscar en	Paquete	Resumen	Instalado (Disponible)
<input checked="" type="checkbox"/> Nombre		✓ kompose	Go from Docker Compose to Kubernetes	1.22.0-bp155.2.20

Ahora nos creamos un archivo y le he puesto para instalar apache:

```
GNU nano 7.2 docker-compose.yaml
version: '3'
services:
  apache:
    image: httpd:latest
    ports:
      - "80:80"
    volumes:
      - ./html:/usr/local/apache2/htdocs
```

Aquí comprobamos que funciona:

```
pps@localhost:~/dockercompose> nano docker-compose.yaml
pps@localhost:~/dockercompose> docker-compose up
[+] Running 2/2
  ⌵ Network dockercompose_default Created
  ⌵ Container dockercompose-apache-1 Created
Attaching to dockercompose-apache-1
dockercompose-apache-1 | AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using 172.19.0.2. Set the 'ServerName' directive globally to suppress this m
message
dockercompose-apache-1 | AH00558: httpd: Could not reliably determine the server's fully qualified domain name, using 172.19.0.2. Set the 'ServerName' directive globally to suppress this m
message
dockercompose-apache-1 | [Thu Jan 11 20:37:05.531060 2024] [mpm_event:notice] [pid 1:tid 140315710412672] AH00489: Apache/2.4.58 (Unix) configured -- resuming normal operations
dockercompose-apache-1 | [Thu Jan 11 20:37:05.535670 2024] [core:notice] [pid 1:tid 140315710412672] AH00094: Command line: 'httpd -D FOREGROUND'
dockercompose-apache-1 | 172.19.0.1 - - [11/Jan/2024:20:37:28 +0000] "GET / HTTP/1.1" 200 161
dockercompose-apache-1 | 172.19.0.1 - - [11/Jan/2024:20:37:28 +0000] "GET /favicon.ico HTTP/1.1" 404 196
```

Muestro las diferencias:

```
dockercompose-apache-1 | 172.19.0.1 - - [11/Jan/2024:20:37:28 +0000] "GET /favicon.ico HTTP/1.1" 404 196
^CGracefully stopping... (press Ctrl+C again to force)
[+] Running 1/1
  ⌵ Container dockercompose-apache-1 Stopped
canceled
pps@localhost:~/dockercompose> docker-compose restart
[+] Running 1/1
  ⌵ Container dockercompose-apache-1 Started
pps@localhost:~/dockercompose> docker-compose stop
[+] Running 1/1
  ⌵ Container dockercompose-apache-1 Stopped
pps@localhost:~/dockercompose> docker-compose down
[+] Running 2/2
  ⌵ Container dockercompose-apache-1 Removed
  ⌵ Network dockercompose_default Removed
pps@localhost:~/dockercompose>
```

