

Persistiendo datos de NGINX

Implantación de aplicaciones web

Daniel Miguela Alfonso

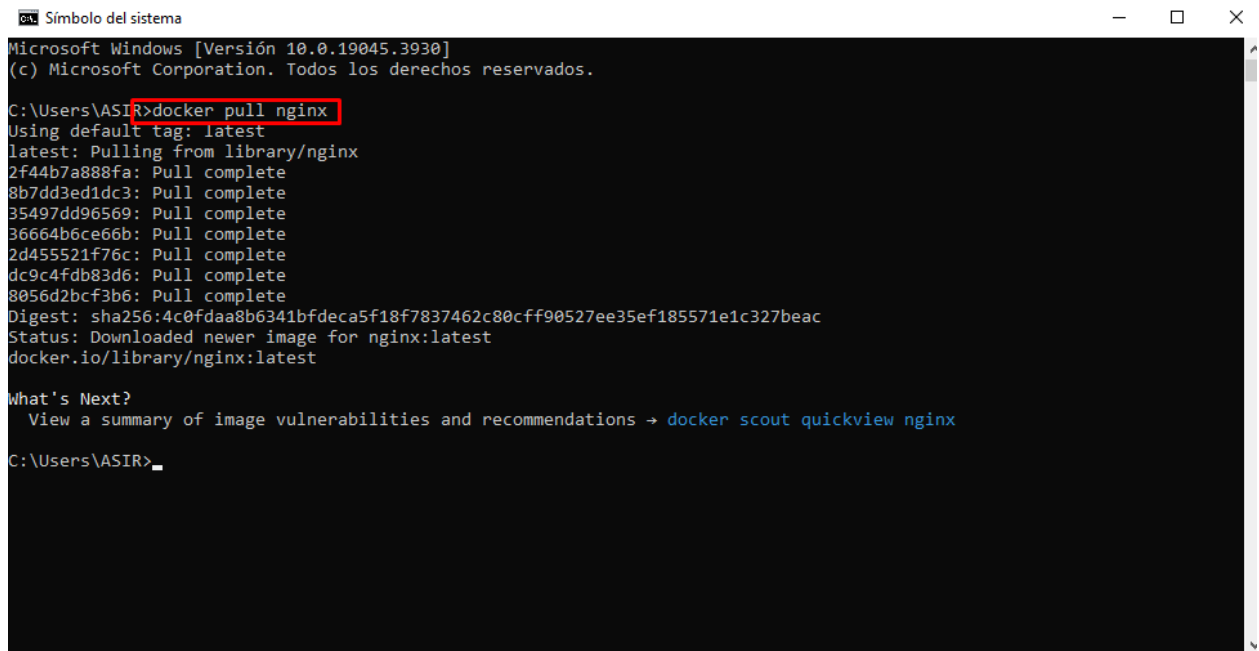
1. Introducción	3
2. Desarrollo del ejercicio	3

1. Introducción

En esta práctica veremos cómo crear un volumen asociado a un contenedor para guardar los logs del servidor fuera del volumen.

2. Explicación y desarrollo del ejercicio.

Lo primero que haremos será descargar la imagen de nginx con “docker pull nginx”



```
Símbolo del sistema
Microsoft Windows [Versión 10.0.19045.3930]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\ASIR>docker pull nginx
Using default tag: latest
latest: Pulling from library/nginx
2f44b7a888fa: Pull complete
8b7dd3ed1dc3: Pull complete
35497dd96569: Pull complete
36664b6ce66b: Pull complete
2d455521f76c: Pull complete
dc9c4fdb83d6: Pull complete
8056d2bcf3b6: Pull complete
Digest: sha256:4c0fdaa8b6341bfdeca5f18f7837462c80cff90527ee35ef185571e1c327beac
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview nginx

C:\Users\ASIR>
```

Una vez descargada vamos a crear el volumen en el que guardaremos los archivos del contenedor con “docker volume create volumennginx”.

Ahora vamos a crear el contenedor asociándolo al volumen con “docker run --name nginxcontainer -v volumennginx:/var/log/nginx nginx”

```
C:\Windows\System32\cmd.exe
E:\ASIR>docker volume create volumennginx
volumennginx
E:\ASIR>docker run --name nginxcontainer -v volumennginx:/var/log/nginx nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2024/01/31 08:19:19 [notice] 1#1: using the "epoll" event method
2024/01/31 08:19:19 [notice] 1#1: nginx/1.25.3
2024/01/31 08:19:19 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)
2024/01/31 08:19:19 [notice] 1#1: OS: Linux 5.15.133.1-microsoft-standard-WSL2
2024/01/31 08:19:19 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2024/01/31 08:19:19 [notice] 1#1: start worker processes
2024/01/31 08:19:19 [notice] 1#1: start worker process 29
2024/01/31 08:19:19 [notice] 1#1: start worker process 30
2024/01/31 08:19:19 [notice] 1#1: start worker process 31
2024/01/31 08:19:19 [notice] 1#1: start worker process 32
2024/01/31 08:19:19 [notice] 1#1: start worker process 33
2024/01/31 08:19:19 [notice] 1#1: start worker process 34
2024/01/31 08:19:19 [notice] 1#1: start worker process 35
2024/01/31 08:19:19 [notice] 1#1: start worker process 36
2024/01/31 08:19:19 [notice] 1#1: start worker process 37
2024/01/31 08:19:19 [notice] 1#1: start worker process 38
```

Si accedemos al volumen veremos que los archivos de la ruta especificada se han guardado.

