

Docker sobre EC2

Descargar y arrancar el servicio Docker

```
curso@video9:~/certificados$ ssh -i "mi-clave-aws.pem" ec2-user@3.86.38.67
#_
~\##### Amazon Linux 2023
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~~\###|
~~\#/ https://aws.amazon.com/linux/amazon-linux-2023
~~V~'-'>
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Last login: Wed Feb 19 09:22:16 2025 from 88.9.45.121
[ec2-user@ip-172-31-85-153 ~]$ sudo service docker start
Redirecting to /bin/systemctl start docker.service
[ec2-user@ip-172-31-85-153 ~]$ docker --version
Docker version 25.0.5, build 5dc9bcc
[ec2-user@ip-172-31-85-153 ~]$
```

Descargar una imagen Docker en la instancia

```
[ec2-user@ip-172-31-85-153 ~]$ docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
f18232174bc9: Pull complete
Digest: sha256:a8560b36e8b8210634f77d9f7f9efd7ffa463e380b75e2e74aff4511df3ef88c
Status: Downloaded newer image for alpine:latest
docker.io/library/alpine:latest
[ec2-user@ip-172-31-85-153 ~]$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	aded1e1a5b37	5 days ago	7.83MB

```
[ec2-user@ip-172-31-85-153 ~]$
```

Levantando un contenedor Docker

```

/ # ls
bin      dev      etc      home    lib      media   mnt      opt      proc     root    run      sbin     srv      sys      tmp      usr      var
/ # exit
[ec2-user@ip-172-31-85-153 ~]$ docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
345d1f03ebbe   alpine    "/bin/sh"   About a minute ago   Exited (0) 10 seconds ago   sharp_shtern
[ec2-user@ip-172-31-85-153 ~]$ █

```

Generar nuestra propia imagen Docker

```
[ec2-user@ip-172-31-85-153 ~]$ docker run -itd alpine
0b46cb82f499c7e53b22051e62cbfcd3cfc768a96bfa2f2e95d7e782bbda353
[ec2-user@ip-172-31-85-153 ~]$ docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
0b46cb82f499	alpine	"/bin/sh"	16 seconds ago	Up 15 seconds		flamboyant_khayyam
345d1f03ebbe	alpine	"/bin/sh"	2 minutes ago	Exited (0) About a minute ago		sharp_shtern

```
[ec2-user@ip-172-31-85-153 ~]$ docker commit 0b46cb82f499 nueva-imagen
sha256:3188eb1b234b622999b9079eda08641894a254fc953ceb1899b3be0c0cf2c7d5
[ec2-user@ip-172-31-85-153 ~]$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nueva-imagen	latest	3188eb1b234b	13 seconds ago	7.83MB
alpine	latest	aded1e1a5b37	5 days ago	7.83MB

```
[ec2-user@ip-172-31-85-153 ~]$
```

Limpiar la máquina

```
[ec2-user@ip-172-31-85-153 ~]$ docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
345d1f03ebbe	alpine	"/bin/sh"	7 minutes ago	Exited (0) 6 minutes ago		sharp_shtern

```
[ec2-user@ip-172-31-85-153 ~]$
```