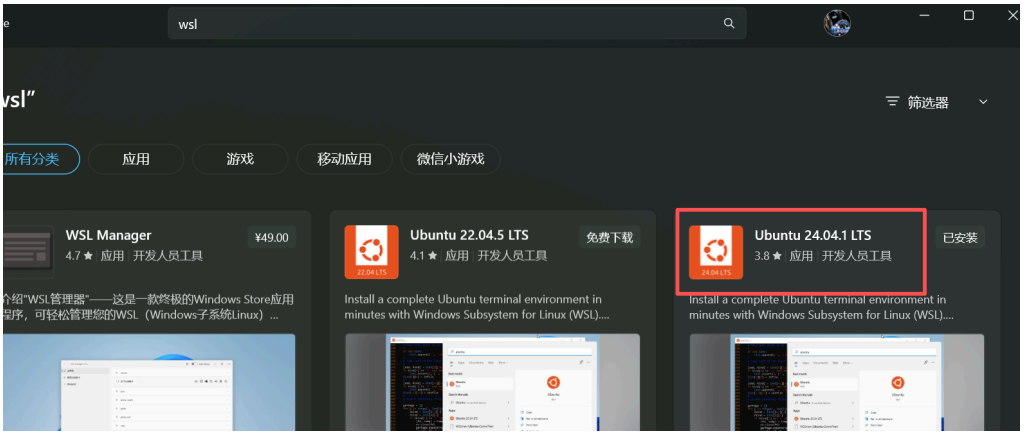
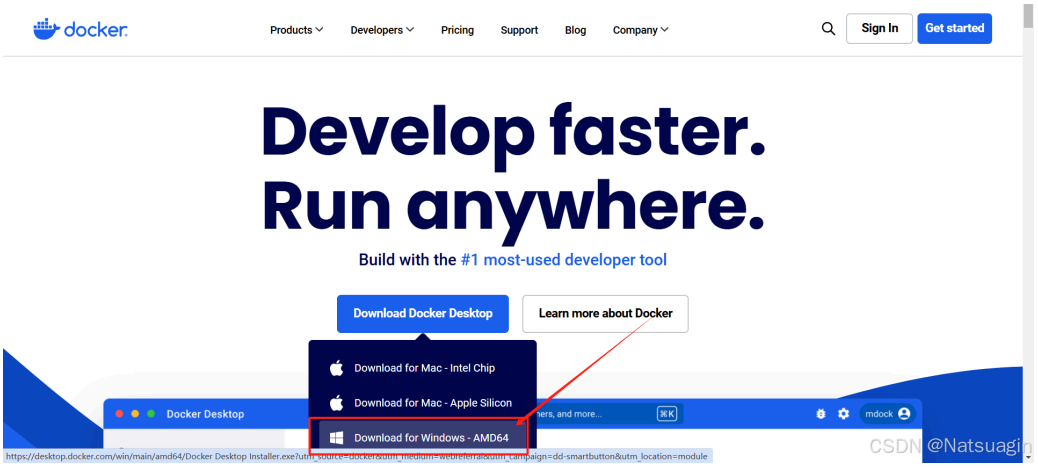
Instalando Docker en Windows

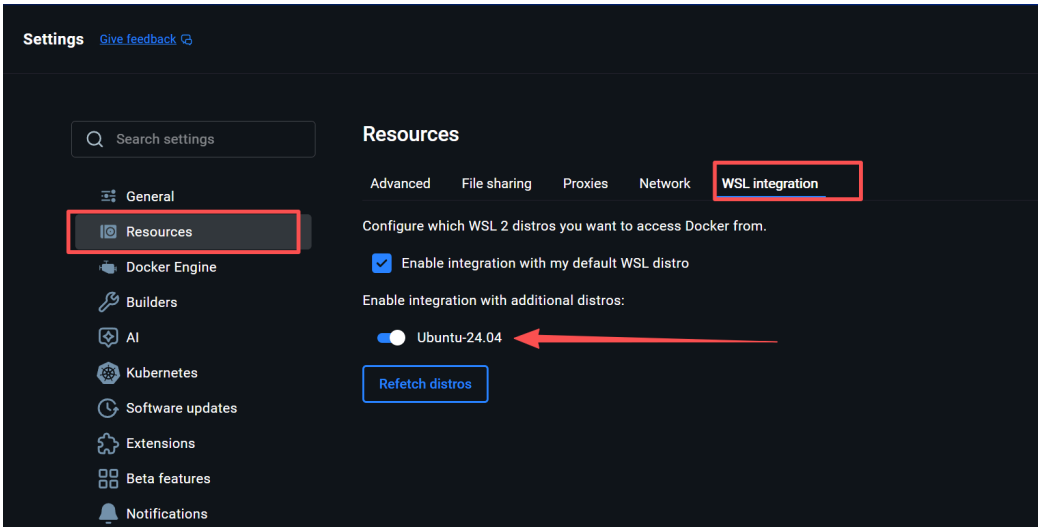
Busca WSL en Microsoft Store y descarga Ubuntu 24.04.1 LTS.



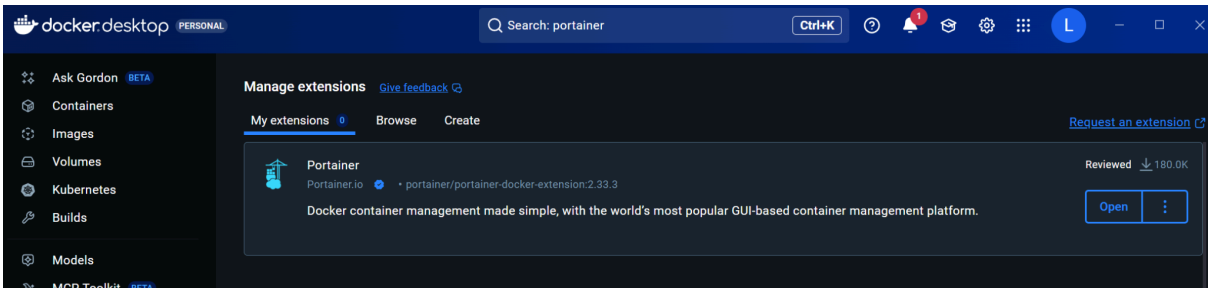
Descarga la versión para Windows - AMD64：https://www.docker.com/



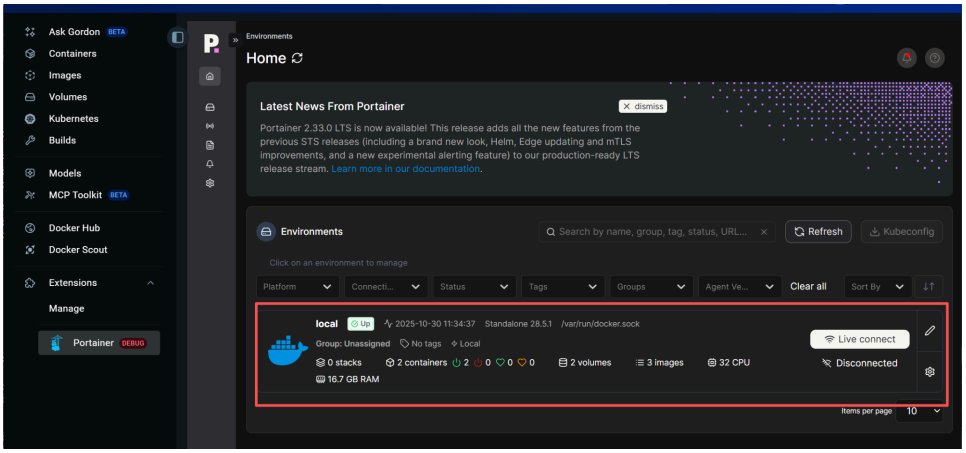
Después de la descarga, vaya a Configuración“Resources” → “WSL integration” y active Ubuntu-24.04. Una vez completado, reinicie su ordenador.



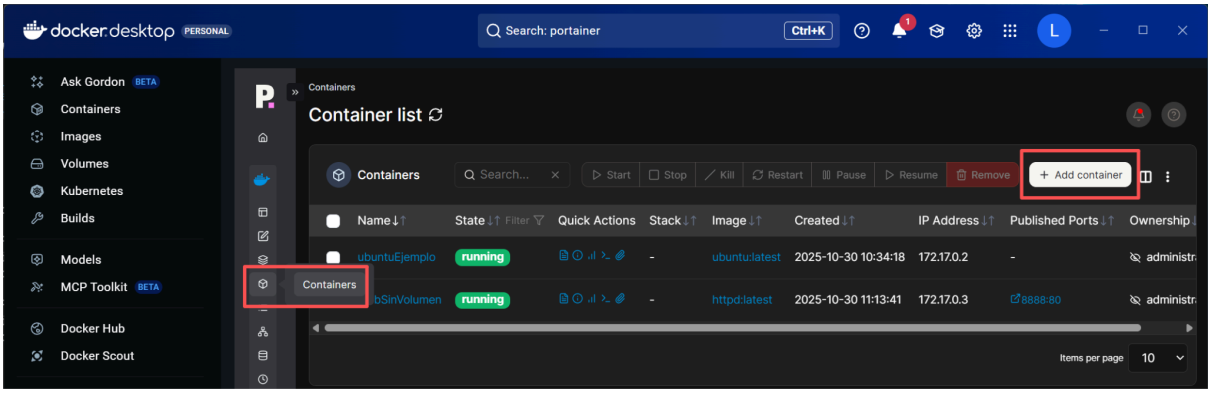
Busca y descarga “Portainer”



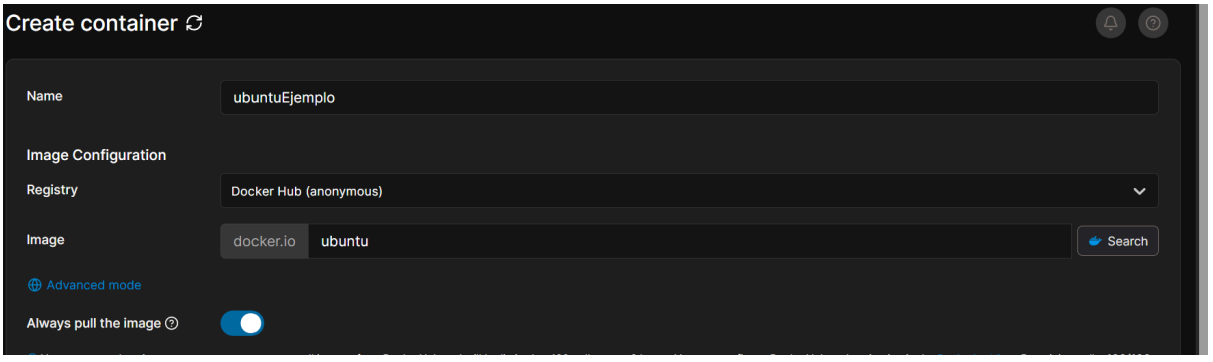
Haga clic para entrar local



Seleccione “container” y haga clic en “add container”

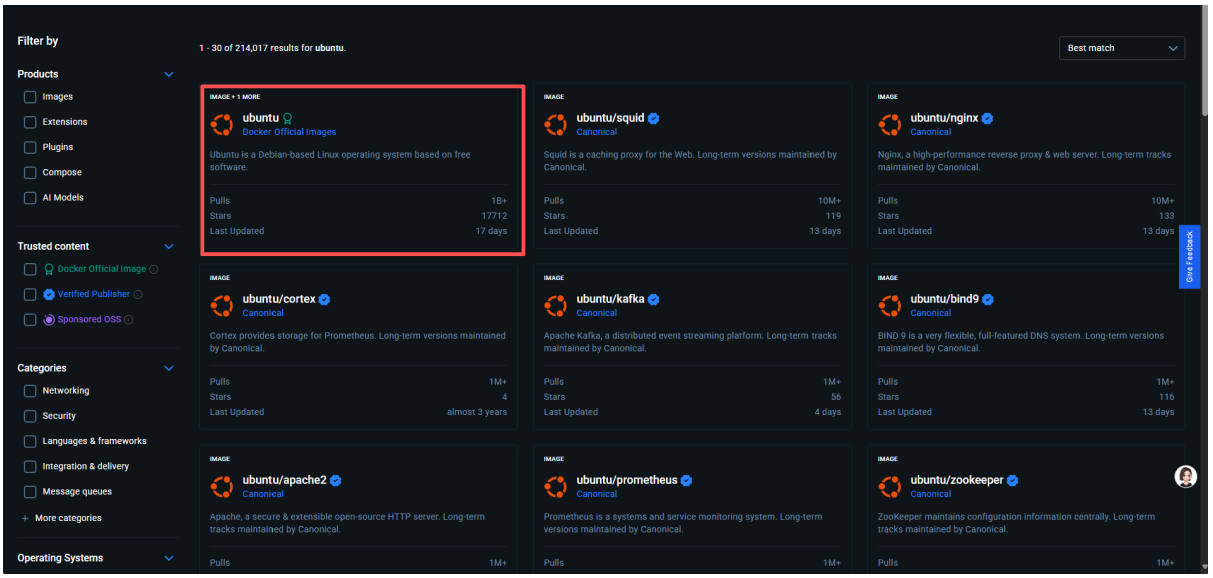


Introduzca el nombre y image

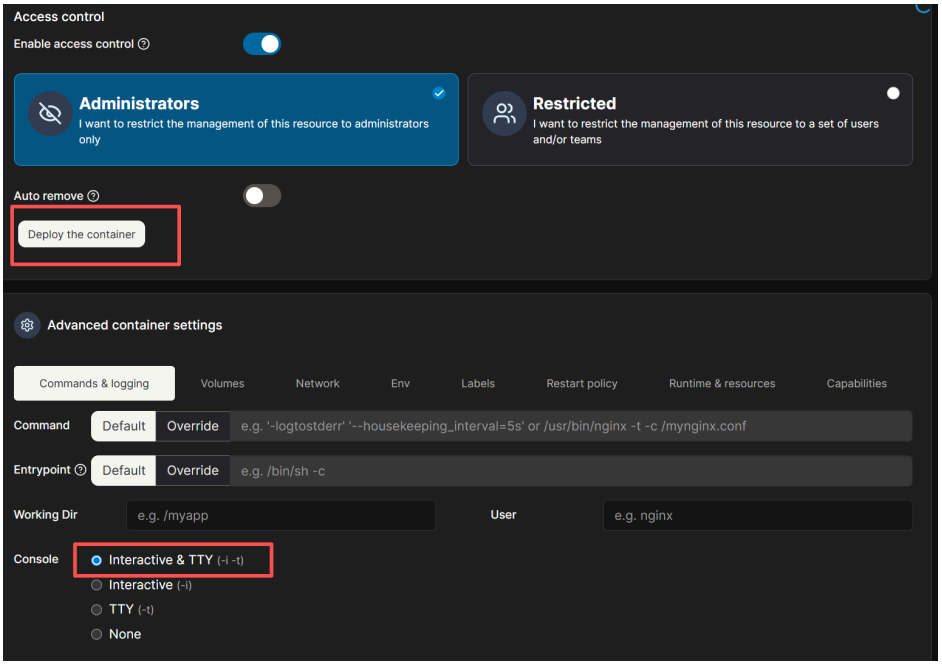


https://hub.docker.com, donde puedes buscar imágenes de contenedores

Escribe Ubuntu en la barra de búsqueda; aquí seleccionamos la que lleva el logotipo oficial.



Vuelve a Docker Desktop, selecciona “Interactive & TTY” en la parte inferior y, a continuación, haz clic en“Deploy the container”

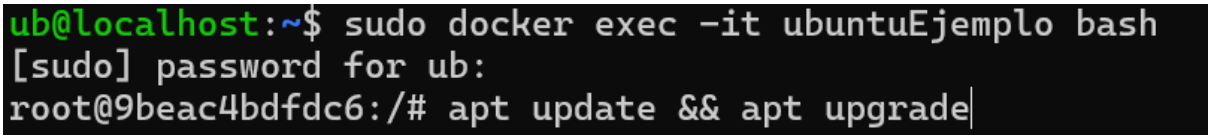


Una vez completado, acceda al contenedor dentro de Ubuntu 24.04.1 LTS.

- sudo docker exec -it ubuntuEjemplo bash

Introduzca

- apt update && apt upgrade



Instalar tree

- apt install tree
- tree

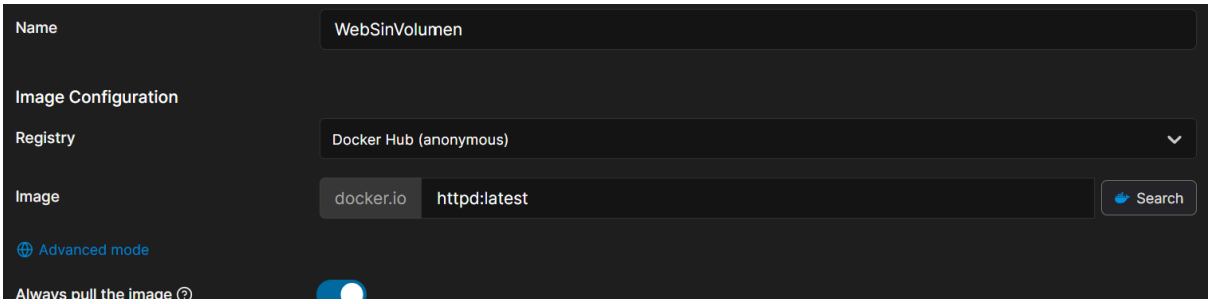
```
root@9beac4bdfdc6:/# apt install tree
```

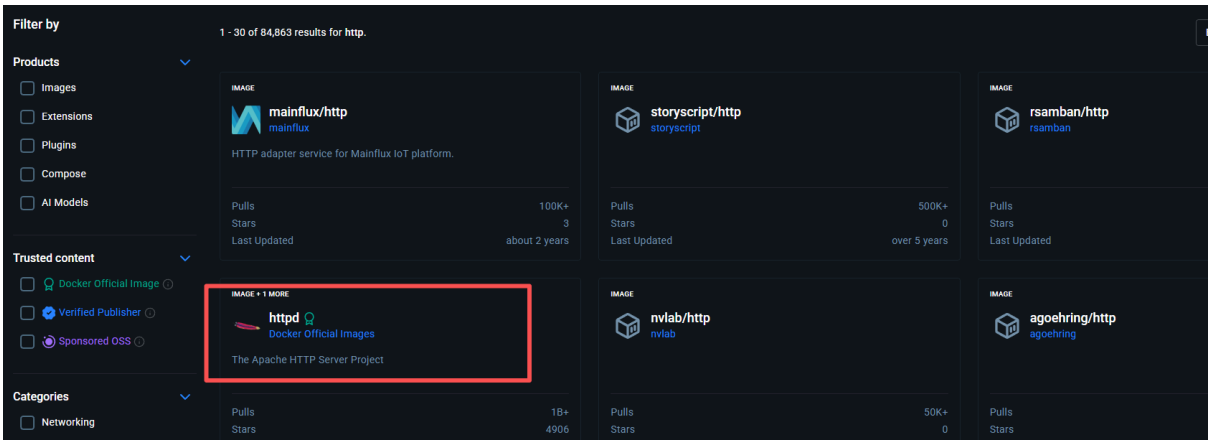
```
                `-- motd-news.timer
|-- local
|-- lock -> /run/lock
|-- log
|   |-- alternatives.log
|   |-- apt
|   |   |-- eipp.log.xz
|   |   |-- history.log
|   |   `-- term.log
|   |-- bootstrap.log
|   |-- btmp
```

Introduzca exit para salir del contenedor.

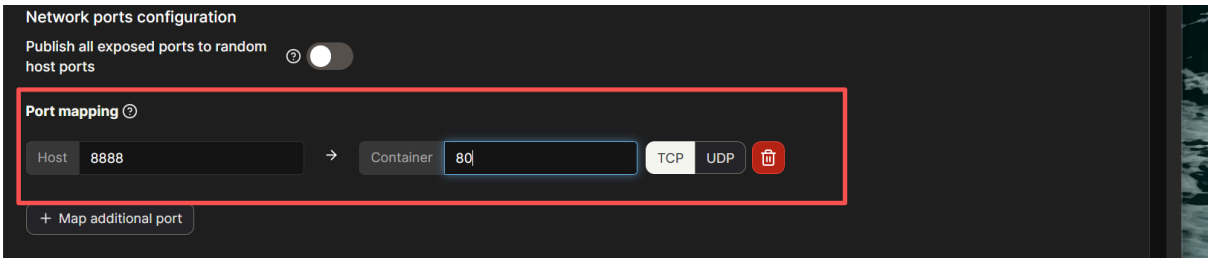
```
root@9beac4bdfdc6:/# exit
exit
ub@localhost:~$
```

Crear un contenedor WebSinVolumen

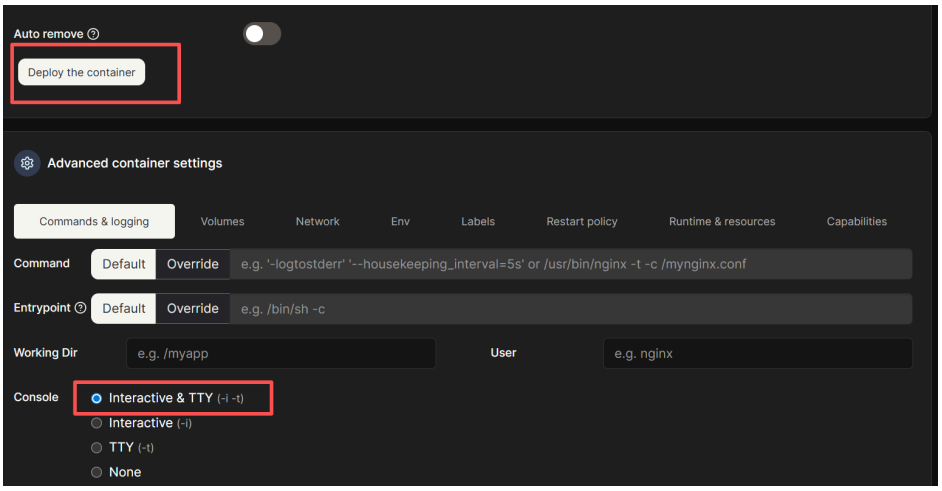




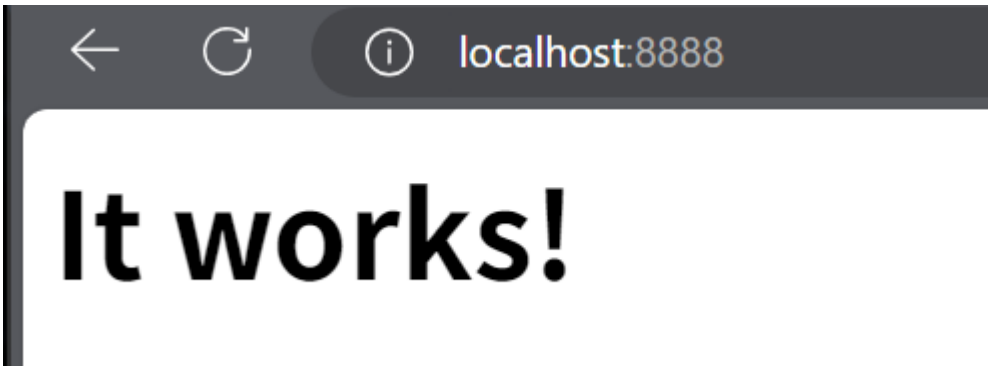
Añadir puerto



Seleccione “Interactive & TTY”, y haga clic en “Deploy the container”



Visita localhost:8888



Acceda al contenedor dentro de WSL

- sudo docker exec -it WebSinVolumen bash

```
ub@localhost:~$ sudo docker exec -it WebSinVolumen bash
root@2d6a321262fb:/usr/local/apache2# ls
bin  build  cgi-bin  conf  error  htdocs  icons  include  logs  modules
```

Primero Introduzca apt update && apt upgrade y luego instala nano

- apt update && apt upgrade
- aot install nano

```
root@2d6a321262fb:/usr/local/apache2/htdocs# apt update && apt upgrade
```

```
root@2d6a321262fb:/usr/local/apache2/htdocs# apt install nano
Installing:
  nano
```

Entra el directorio /usr/local/apache2/htdocs

- cd /usr/local/apache2/htdocs

```
root@2d6a321262fb:~# cd /usr/local/apache2/htdocs
```

Editar el archivo index.html

- nano index.html

```
 GNU nano 8.4                                          index.html *
<html><body><h1>Hola buenas,12138!</h1></body></html>
```

Vuelve a visitar localhost:8888