

Creando Dockerfile completo

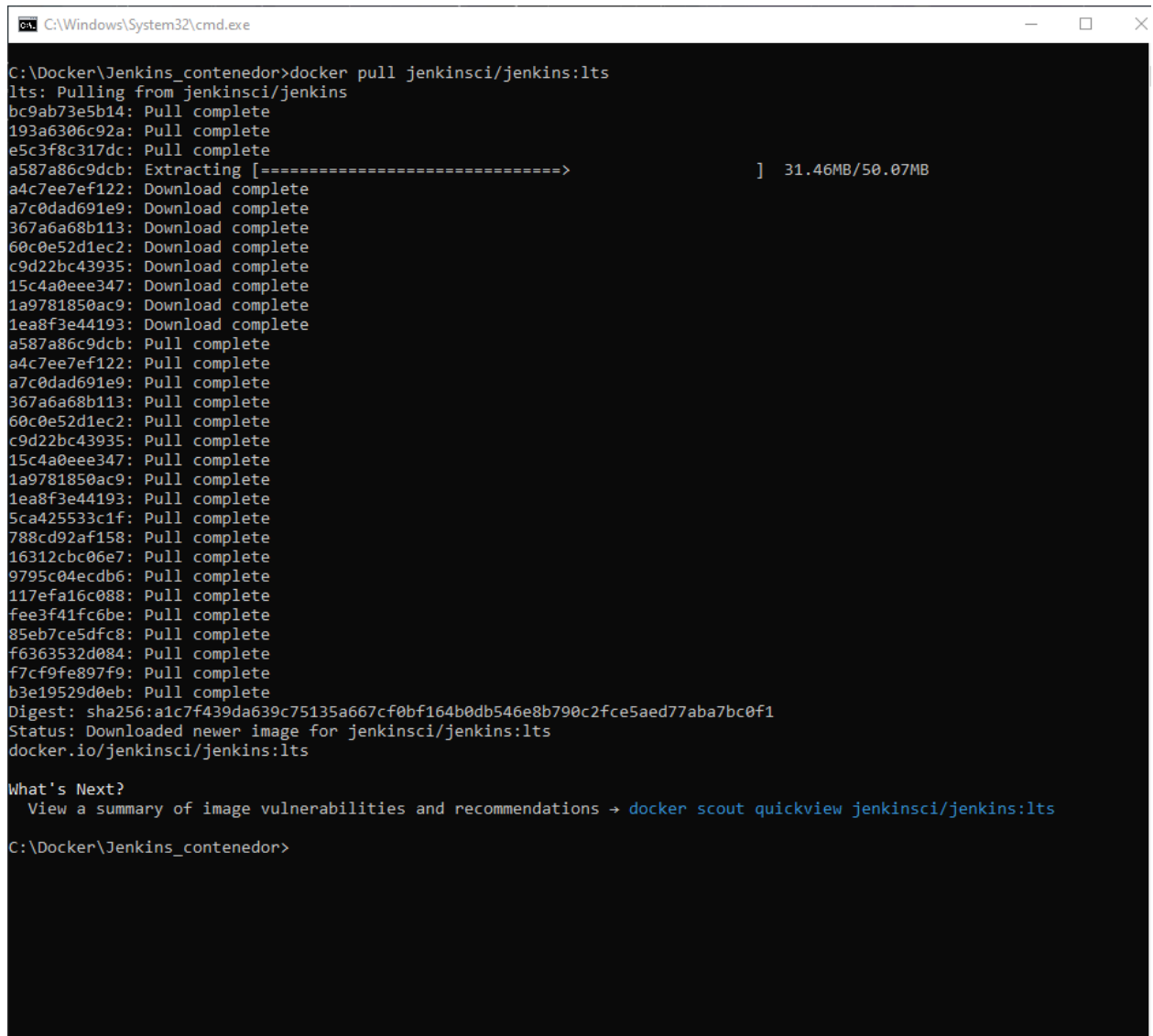
Implantación de aplicaciones web

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1. Descarga de la imagen.

Lo primero que tenemos que hacer es hacer un pull de la imagen con el comando “docker pull jenkinsci/jenkins:its”.



```
C:\Windows\System32\cmd.exe

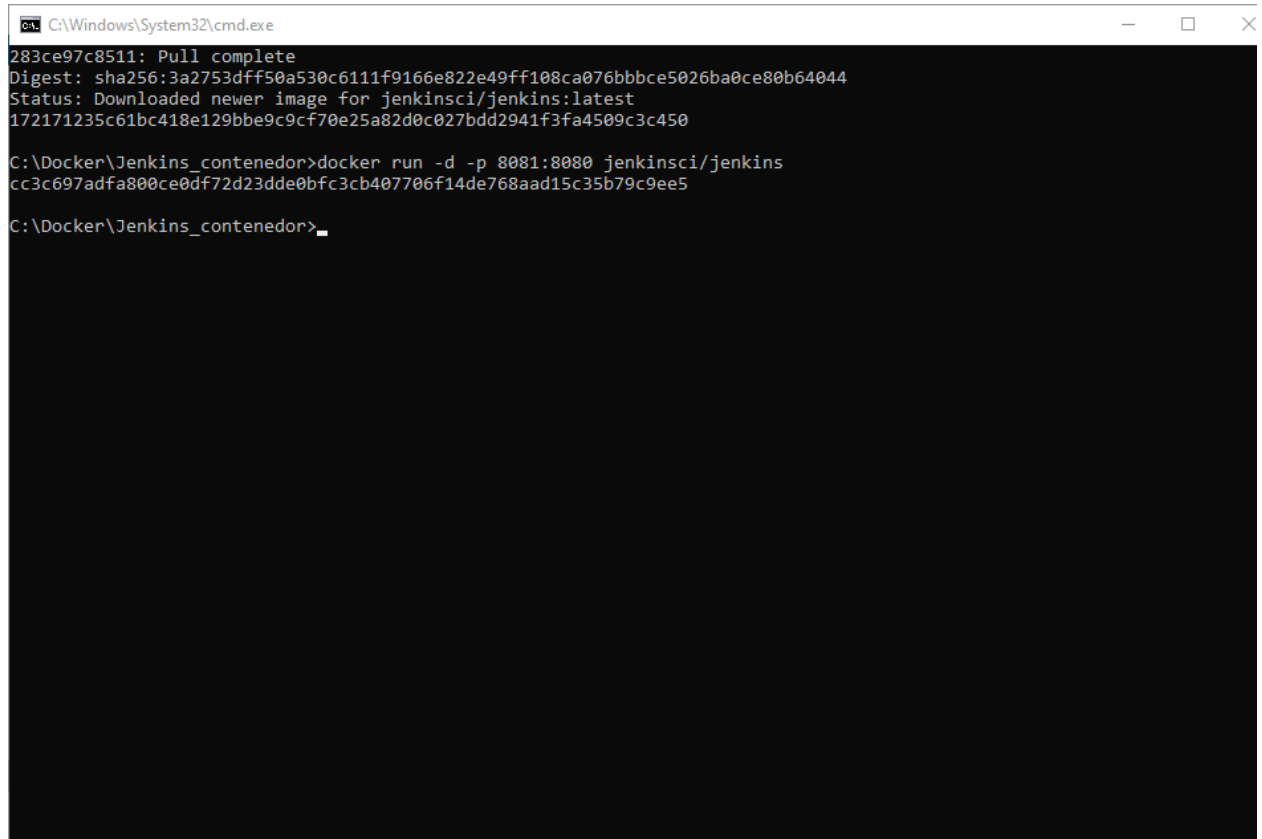
C:\Docker\Jenkins_contenedor>docker pull jenkinsci/jenkins:its
its: Pulling from jenkinsci/jenkins
bc9ab73e5b14: Pull complete
193a6306c92a: Pull complete
e5c3f8c317dc: Pull complete
a587a86c9dcb: Extracting [=====>] 31.46MB/50.07MB
a4c7ee7ef122: Download complete
a7c0dad691e9: Download complete
367a6a68b113: Download complete
60c0e52d1ec2: Download complete
c9d22bc43935: Download complete
15c4a0eee347: Download complete
1a9781850ac9: Download complete
1ea8f3e44193: Download complete
a587a86c9dcb: Pull complete
a4c7ee7ef122: Pull complete
a7c0dad691e9: Pull complete
367a6a68b113: Pull complete
60c0e52d1ec2: Pull complete
c9d22bc43935: Pull complete
15c4a0eee347: Pull complete
1a9781850ac9: Pull complete
1ea8f3e44193: Pull complete
5ca425533c1f: Pull complete
788cd92af158: Pull complete
16312cbc06e7: Pull complete
9795c04ecdb6: Pull complete
117efa16c088: Pull complete
fee3f41fc6be: Pull complete
85eb7ce5dfc8: Pull complete
f6363532d084: Pull complete
f7cf9fe897f9: Pull complete
b3e19529d0eb: Pull complete
Digest: sha256:a1c7f439da639c75135a667cf0bf164b0db546e8b790c2fce5aed77aba7bc0f1
Status: Downloaded newer image for jenkinsci/jenkins:its
docker.io/jenkinsci/jenkins:its

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview jenkinsci/jenkins:its

C:\Docker\Jenkins_contenedor>
```

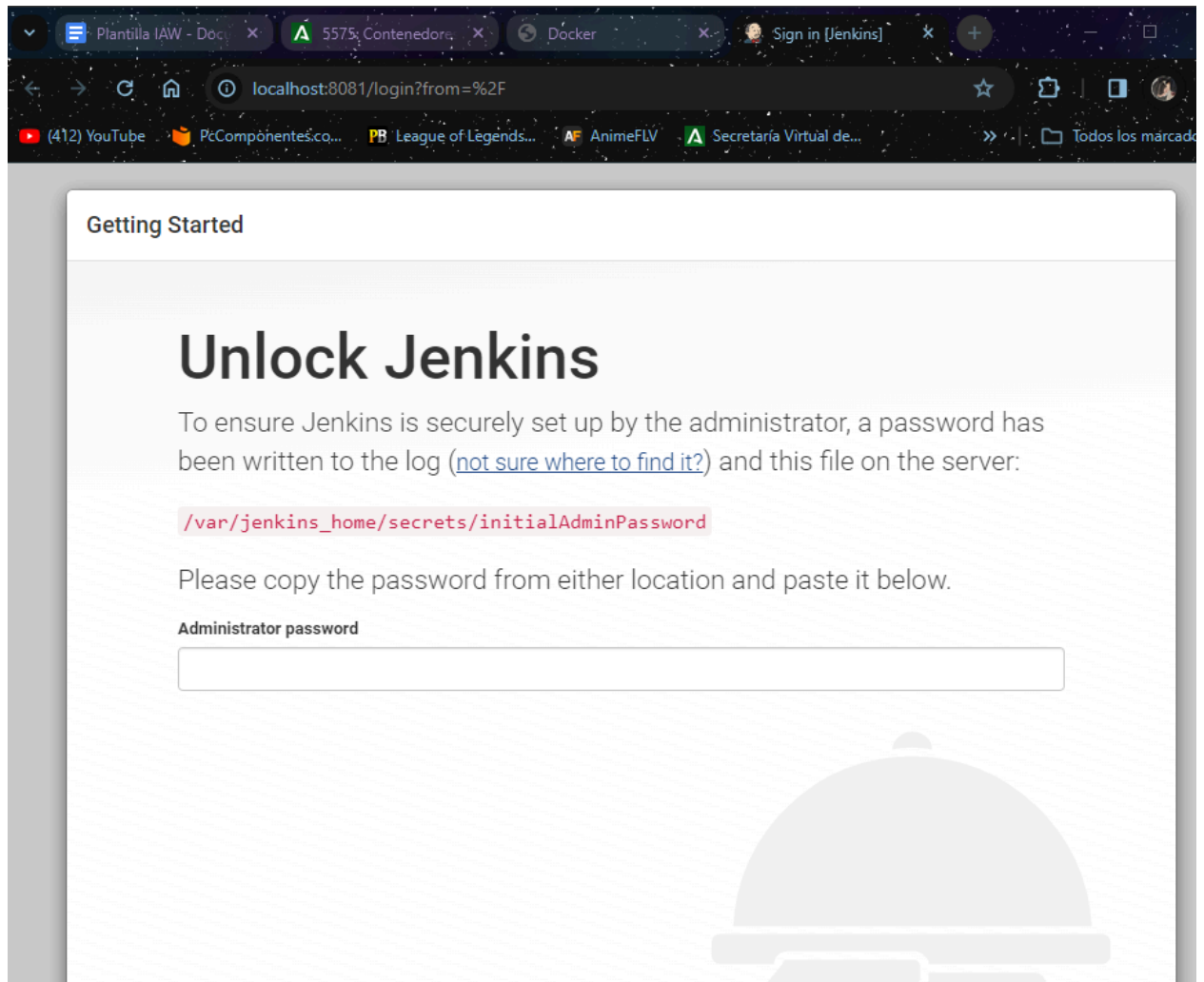
2. Iniciar el contenedor y accedemos a él.

Ahora iniciamos el contenedor con “docker run -d -p 8081:8080 jenkinsci/jenkins”

A screenshot of a Windows command prompt window titled "C:\Windows\System32\cmd.exe". The window has standard Windows window controls (minimize, maximize, close) in the top right corner. The command prompt shows the following text:
283ce97c8511: Pull complete
Digest: sha256:3a2753dff50a530c6111f9166e822e49ff108ca076bbce5026ba0ce80b64044
Status: Downloaded newer image for jenkinsci/jenkins:latest
172171235c61bc418e129bbe9c9cf70e25a82d0c027bdd2941f3fa4509c3c450

C:\Docker\Jenkins_contenedor>docker run -d -p 8081:8080 jenkinsci/jenkins
cc3c697adfa800ce0df72d23dde0bfc3cb407706f14de768aad15c35b79c9ee5

C:\Docker\Jenkins_contenedor>_The text is displayed in a monospaced font on a black background. The prompt character is a white underscore.



3. Acceder al terminal del equipo y desbloquear la instalación

Para acceder al terminal ejecutamos "docker exec -ti hungry_fermi bash" y una vez ahí desbloqueamos la instalación con la contraseña del archivo
"/var/jenkins_home/secrets/initialAdminPassword"

```
C:\Windows\System32\cmd.exe - docker exec -ti hungry_fermi bash
283ce97c8511: Pull complete
Digest: sha256:3a2753dff50a530c6111f9166e822e49ff108ca076bbce5026ba0ce80b64044
Status: Downloaded newer image for jenkinsci/jenkins:latest
172171235c61bc418e129bbe9c9cf70e25a82d0c027bdd2941f3fa4509c3c450

C:\Docker\Jenkins_contenedor>docker run -d -p 8081:8080 jenkinsci/jenkins
cc3c697adfa800ce0df72d23dde0bfc3cb407706f14de768aad15c35b79c9ee5

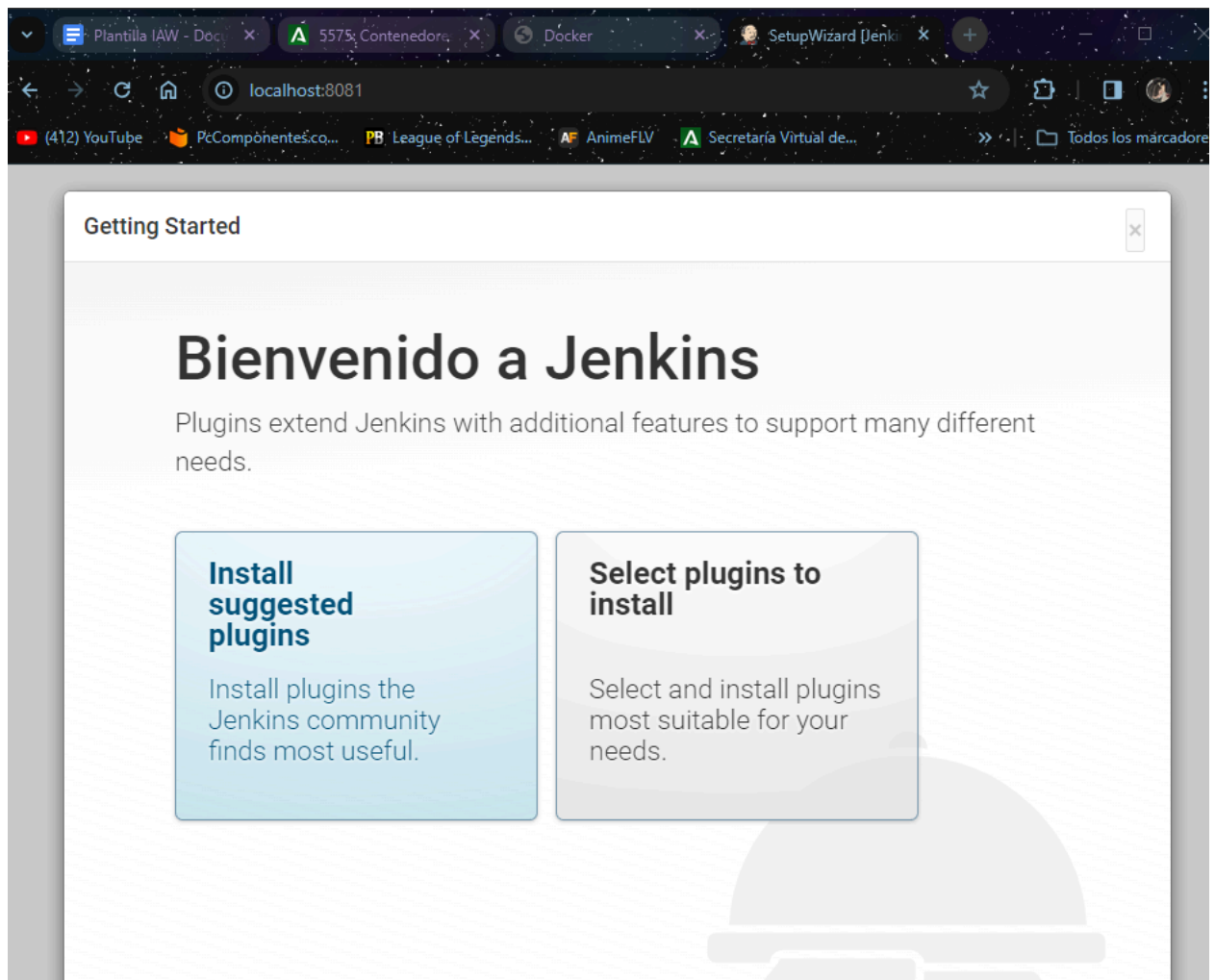
C:\Docker\Jenkins_contenedor>docker exec -ti hungry_fermi
"docker exec" requires at least 2 arguments.
See 'docker exec --help'.

Usage: docker exec [OPTIONS] CONTAINER COMMAND [ARG...]

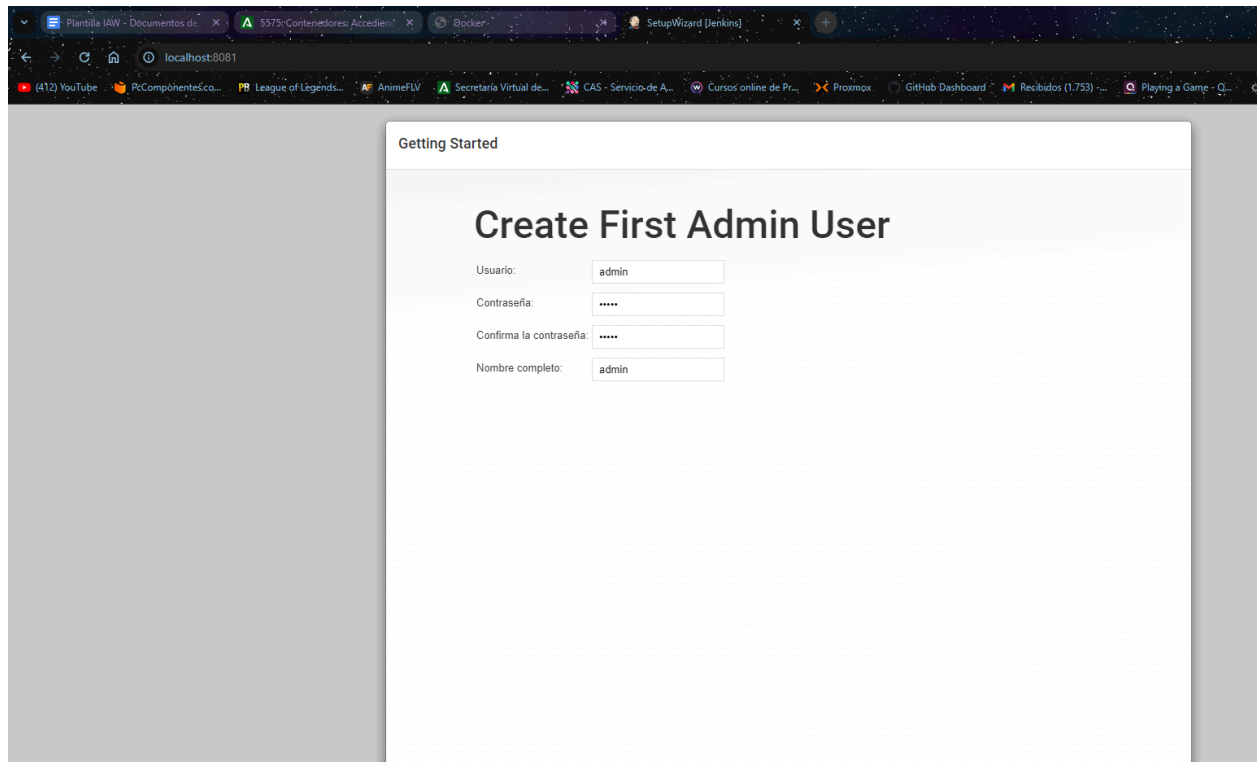
Execute a command in a running container

C:\Docker\Jenkins_contenedor>docker exec -ti hungry_fermi bash
jenkins@cc3c697adfa8:/$ cd /var/jenkins_home/secrets/
jenkins@cc3c697adfa8:~/secrets$ ls
filepath-filters.d          org.jenkinsci.main.modules.instance_identity.InstanceIdentity.KEY
initialAdminPassword        slave-to-master-security-kill-switch
jenkins.model.Jenkins.crumbSalt whitelisted-callables.d
master.key
jenkins@cc3c697adfa8:~/secrets$ cat initialAdminPassword
64c418983d5c4d3c9e27af05e5130cde
jenkins@cc3c697adfa8:~/secrets$
```

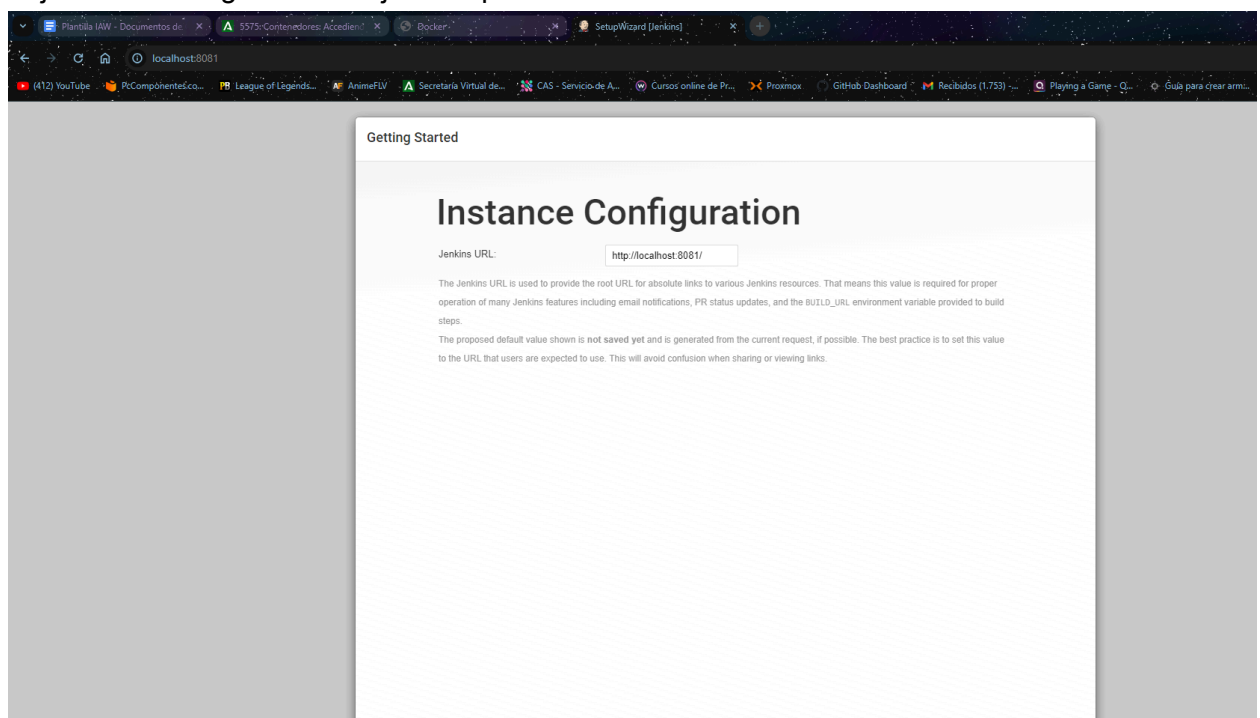
4. Instalación de plugins y creación de usuario.



Ahora vamos a instalar los plugins sugeridos y a crear un usuario.



Dejamos la configuración de jenkins por defecto.



Y ya veremos jenkins iniciado.

