Access Jenkins and Setup admin

Verify this step.

docker run \

--name jenkins-docker \

--rm \

--detach \

--privileged \

--network jenkins \

--network-alias docker \

--env DOCKER\_TLS\_CERTDIR=/certs \

--volume jenkins-docker-certs:/certs/client \

--volume jenkins-data:/var/jenkins\_home \

--publish 2376:2376 \

docker:dind \

--storage-driver overlay2

### **Start the Jenkins Container**

Run the following command on your Ubuntu server:

docker start jenkins-blueocean

### **2. Check If the Container Is Running**

Verify that Jenkins is running:

docker ps

You should see jenkins-blueocean in the list with **PORTS** like 0.0.0.0:8080->8080/tcp.

### **3. Set Up Port Forwarding in VS Code**

ssh -L 8080:localhost:8080 [lab-user@lab-as-14495.lc.cl-labs.springpeople.com](mailto:lab-user@lab-as-14495.lc.cl-labs.springpeople.com)

### **4. Retrieve the Jenkins Admin Password**

Run the following command on your Ubuntu server:

bash

CopyEdit

docker exec jenkins-blueocean cat /var/jenkins\_home/secrets/initialAdminPassword

Copy this password.

### **5. Access Jenkins on Your Local Laptop**

* Open your browser and go to:  
  **http://localhost:8080**
* Enter the **admin password** from Step 4.
* Complete the Jenkins setup.