

## Padlet (Evaluación continua) - Semana 3 Taller 2

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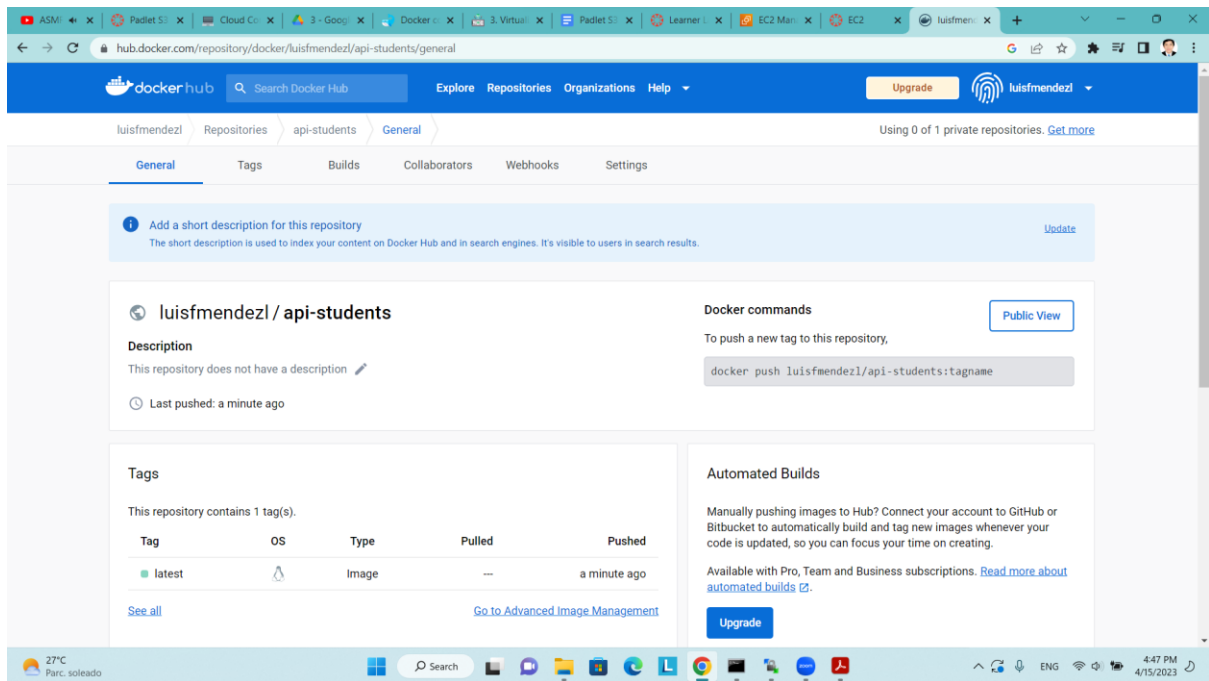
### Exercise 1

Upload image api-students to DockerHub

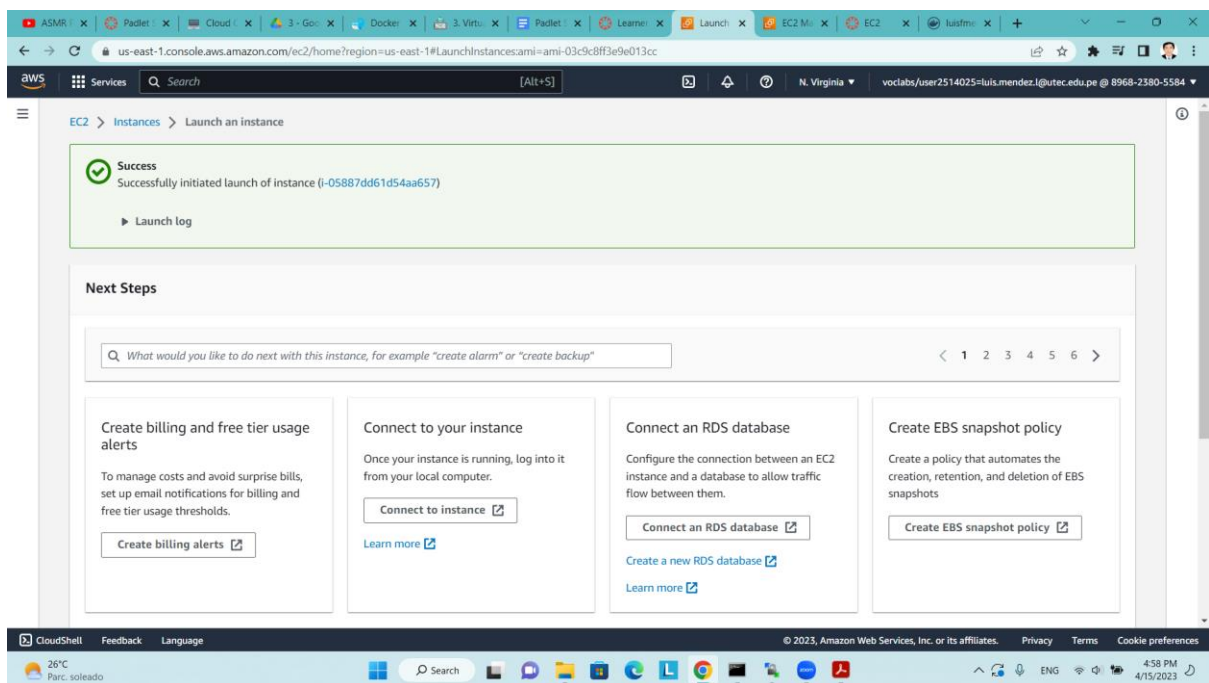
```
OpenSSH SSH client

:~ $ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
api-students  latest   f57b12226b80   About an hour ago   144MB
websimple     latest   a0e0261e1f77   2 hours ago        145MB
:~ $ docker login -u luisfmenendezl
Password:
WARNING! Your password will be stored unencrypted in /home/ubuntu/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
:~ $ docker tag api-students luisfmenendezl/api-students
:~ $ docker images
REPOSITORY              TAG       IMAGE ID       CREATED        SIZE
api-students             latest    f57b12226b80   About an hour ago   144MB
luisfmenendezl/api-students latest    f57b12226b80   About an hour ago   144MB
websimple                latest    a0e0261e1f77   2 hours ago        145MB
:~ $ docker push luisfmenendezl/api-students
Using default tag: latest
The push refers to repository [docker.io/luisfmenendezl/api-students]
f7fa0449234f: Pushed
5bc467efb774: Pushed
e27bf7e566fe: Pushed
93d903490ac5: Pushed
4872a1353eb2: Mounted from library/python
f75d3688b7f1: Mounted from library/python
b8b668a1238f: Mounted from library/python
42617acfa3ef: Mounted from library/python
ed7b0ef3bf5b: Mounted from library/python
latest: digest: sha256:a2c640f8328ba83ad5f5e8cd78668964971d36a6b1497062266e9a1dcf6f2bf6 size: 2204
:~ $ docker logout
Removing login credentials for https://index.docker.io/v1/
:~ $
```



## Creating a new virtual machine and testing



us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

| Name           | Instance ID         | Instance state | Instance type | Status check      | Alarm status | Availability Zone | Public IPv4 DNS    |
|----------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|--------------------|
| VM testing     | i-05887dd61d54aa657 | Running        | t2.micro      | Initializing      | No alarms    | us-east-1c        | ec2-3-95-230-9...  |
| VM developm... | i-0a8c9255aded0b3c3 | Running        | t2.micro      | 2/2 checks passed | No alarms    | us-east-1c        | ec2-3-95-217-17... |

Select an instance

CloudShell Feedback Language

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OpenSSH SSH client

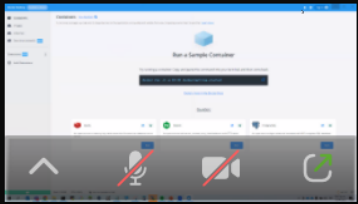
```
C:\Users\LENOVO>ssh -i labsuser.pem ubuntu@3.95.230.9
The authenticity of host '3.95.230.9 (3.95.230.9)' can't be established.
ECDSA key fingerprint is SHA256:y1/EIUD7Fz6a2LZMCpgT116uPlyoS0BK6R+JkFEecE8.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.95.230.9' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.6 LTS (GNU/Linux 5.4.0-1099-aws x86_64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:        https://ubuntu.com/advantage

System information as of Sat Apr 15 22:00:03 UTC 2023

System load: 0.65          Processes: 109
Usage of /:  58.2% of 9.51GB Users logged in: 0
Memory usage: 40%          IP address for eth0: 172.31.81.229
Swap usage:  0%            IP address for docker0: 172.17.0.1

* Ubuntu Pro delivers the most comprehensive open source security and
  compliance features.
```



```
OpenSSH SSH client

:~ $ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
:~ $ docker run -d -p 8000:8000 luisfmendezl/api-students
Unable to find image 'luisfmendezl/api-students:latest' locally
latest: Pulling from luisfmendezl/api-students
26c5c85e47da: Pull complete
9e79879be9c7: Pull complete
5dd57ff8d411: Pull complete
50349b1ecdeb: Pull complete
431f8d1d6c10: Pull complete
ab502b98c940: Pull complete
bfdebb8dc9c9: Pull complete
5df7d644b55f: Pull complete
764b3818f74c: Pull complete
Digest: sha256:a2c640f8328ba83ad5f5e8cd78668964971d36a6b1497062266e9a1dcf6f2bf6
Status: Downloaded newer image for luisfmendezl/api-students:latest
150bf70ef7560dffbc3931e26a54f31c9cbc88d171e91afed329e131c741abb3
:~ $ docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS
150bf70ef756 luisfmendezl/api-students "python3 ./app.py" 46 seconds ago Up 44 seconds 0.0.0.0:8000->8000/tcp, :::8000->8000/tcp busy_davinci
:~ $
```

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← → Home Workspaces ▾ API Network ▾ Explore

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🗑️ Overview GET http://3.95.230.9:8000 + ⋮

🔗 **http://3.95.230.9:8000/students**

📄 GET ▾ http://3.95.230.9:8000/students

Params Authorization Headers (8) Body ● Pre-request Script Tests Settings

Query Params

|  | Key | Value | De |
|--|-----|-------|----|
|  | Key | Value | De |

Body Cookies Headers (5) Test Results 🌐 Status: 200 OK T

Pretty Raw Preview Visualize JSON ▾ 🔗

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