Taller 13: despliegue con contenedores

***Alistamiento de máquina y repositorio en ECR***

1. AWS CLI:

[default]

aws\_access\_key\_id=ASIAVFNNRBDPVH6E4ZYJ

aws\_secret\_access\_key=sDGN5iUA3UxhmVu8yr7JKyjc+zWsHtEjS9XYWNN6

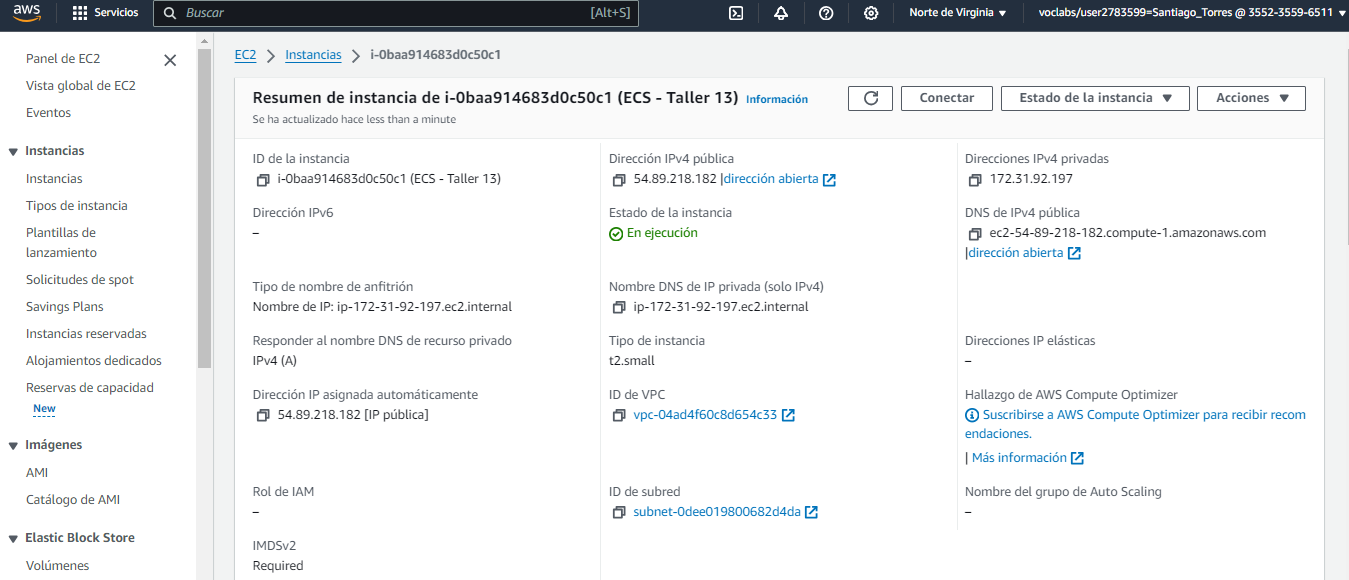
aws\_session\_token=FwoGZXIvYXdzEKL//////////wEaDHBPr44svQ0VCFOjVCLAARWCNnJ+TkpC5FQhvTGWQO92LIPlBLYKlOYGuXvjovnngFU4Q9fTBchvVi3RZmzAFOk+E3KlPcDKxBQxy2MYWmDEnJlRJpvN0WEIdk+40MnBi2byPUlBSIoQPIfqbyBqbkif2ythkJ81XfKRzJhIvhf/r1EglBuUNHjvsONyYjwYovrSjU1GbvvGSb2nJ7TJFryQImSrRJF6hULe052J0gOYq6A/kmGUaRp4AXrG+kMcXRsl3tI3OWnnEv5aZHo9/yjC7+iqBjItv+0kWXfxvQ7OZjHfAJymltCRykAtKH2Ai7JYBTFCPkGfhzPCuh+4VGmlf4vv

[default]

aws\_access\_key\_id=ASIAVFNNRBDP4GYMDUXA

aws\_secret\_access\_key=4ZLZ2q2NXSzCDCC+N2STdynIg/nQyHX7DLkszMs3

aws\_session\_token=FwoGZXIvYXdzENb//////////wEaDOlCq44saltxxQZhmSLAARZ2nYGP5U7/E+6yQLuHVdfvO50KI3eOjkNj3uetbGRtnjGzHmTw9K/d8xPsURc1oRAXHV5bJMbMpeio31iqpV488uXlKM/umlu7cD/elk/9uJ9/7YEga26mTaxQ7wBvQD41HFsLjOn29BNHOz15DdM6fIdC3YQ7Cur0Nb1Mf2eW2cKE9XYvZX6OI0zy8if5DDw+bWZMlql9sZvMK6/tc7UEuF3tBto9NFg09v1JJMSnMZfdkbkGvV1a7PQOeIK8cCiDsfSqBjItBWxGJH/65h8GZXge0586GK/uThWLayTDnqWMYsavdaiYH9vJBOiXbxOgIgH3

3. 

4. ssh -i "C:\Users\Usuario\Documents\Universidad\_de\_Los\_Andes\Octavo\_Semestre\Analitica\_Computacional\T13\_Cervantes\_Torres\Navidad.pem" ubuntu@54.89.253.188

5. sudo apt-get update

6. sudo apt install zip unzip

7. curl "https://awscli.amazonaws.com/awscli-exe-linux-x86\_64.zip" -o "awscliv2.zip"

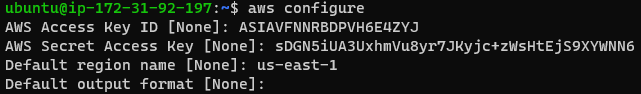
8. unzip awscliv2.zip

sudo ./aws/install

9. aws --version

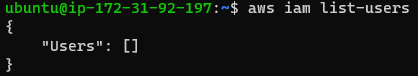


10. aws configure



11. aws configure set aws\_session\_token FwoGZXIvYXdzEKL//////////wEaDHBPr44svQ0VCFOjVCLAARWCNnJ+TkpC5FQhvTGWQO92LIPlBLYKlOYGuXvjovnngFU4Q9fTBchvVi3RZmzAFOk+E3KlPcDKxBQxy2MYWmDEnJlRJpvN0WEIdk+40MnBi2byPUlBSIoQPIfqbyBqbkif2ythkJ81XfKRzJhIvhf/r1EglBuUNHjvsONyYjwYovrSjU1GbvvGSb2nJ7TJFryQImSrRJF6hULe052J0gOYq6A/kmGUaRp4AXrG+kMcXRsl3tI3OWnnEv5aZHo9/yjC7+iqBjItv+0kWXfxvQ7OZjHfAJymltCRykAtKH2Ai7JYBTFCPkGfhzPCuh+4VGmlf4vv

12. aws iam list-users



17. 355235596511.dkr.ecr.us-east-1.amazonaws.com/repositorio

***Instalación de Docker, creación de la imagen y enlace con AWS ECR***

2. sudo apt-get remove docker docker-engine docker.io containerd runc

3. sudo apt-get install ca-certificates curl gnupg

4. sudo install -m 0755 -d /etc/apt/keyrings

curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg

sudo chmod a+r /etc/apt/keyrings/docker.gpg

5. echo \

"deb [arch="$(dpkg --print-architecture)" signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \

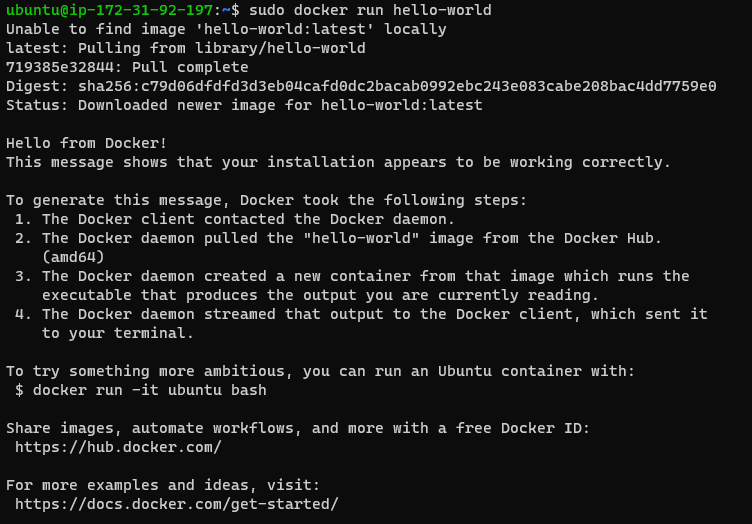
"$(. /etc/os-release && echo "$VERSION\_CODENAME")" stable" | \

sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

6. sudo apt-get update

7. sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

8. sudo docker run hello-world



9. cd "C:\Users\Usuario\Documents\Universidad\_de\_Los\_Andes\Octavo\_Semestre\Analitica\_Computacional\T13\_Cervantes\_Torres"

Expand-Archive -Path .\docker-api-starter.zip -DestinationPath .\raiz

cd .\raiz

git init

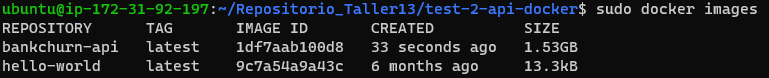
git add .

git commit -m "Primer commit con archivos de la API y Dockerfile"

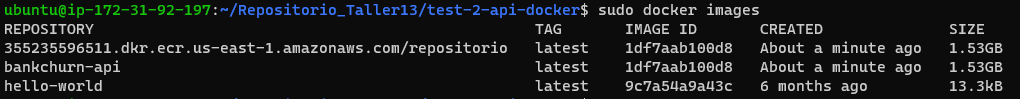
git remote add origin https://github.com/santiagotorres02/Repositorio\_Taller13.git

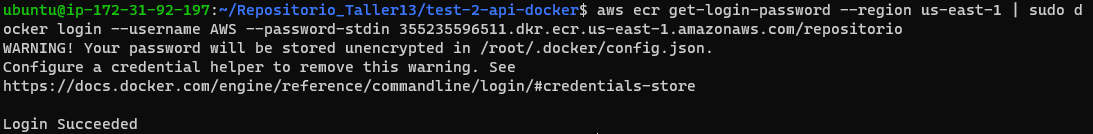
git remote -v

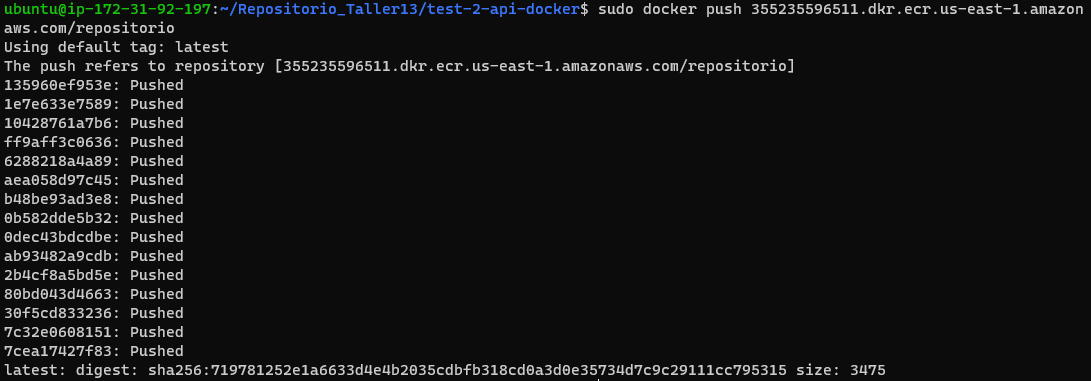
git push -u origin master

11. 

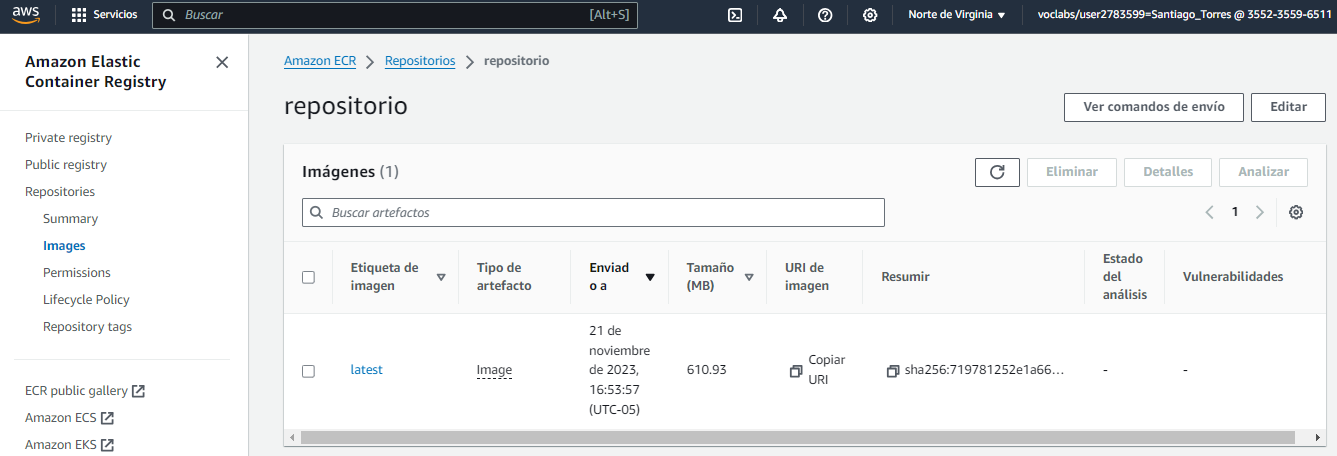
13.



14. 

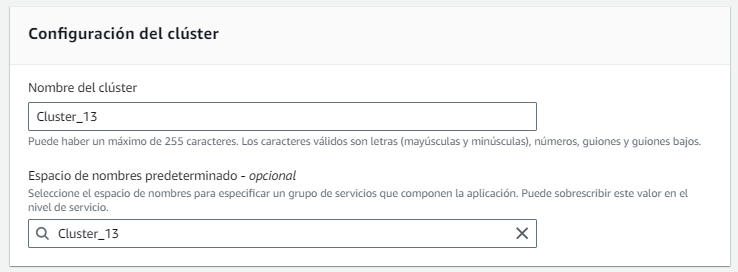
15. 

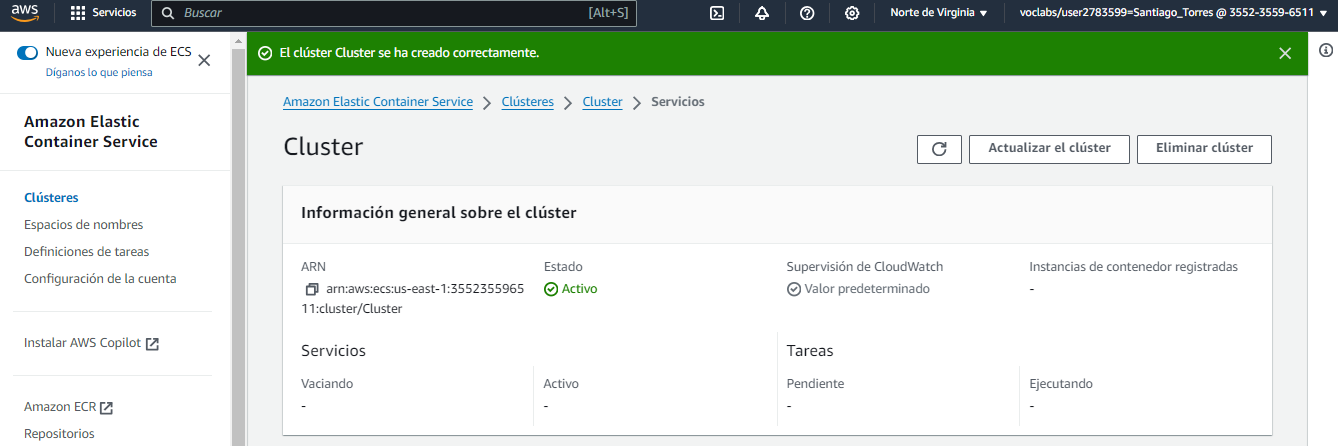
16.



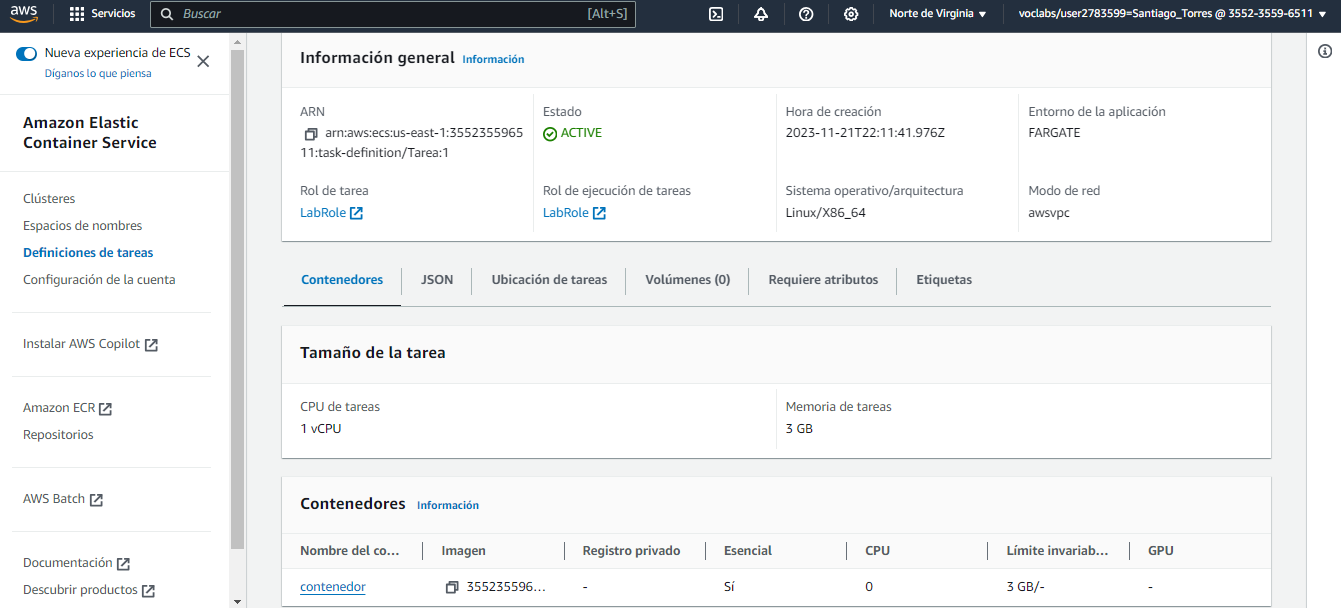
17. 355235596511.dkr.ecr.us-east-1.amazonaws.com/repositorio:latest

***Creación del Clúster y despliegue en AWS ECS***

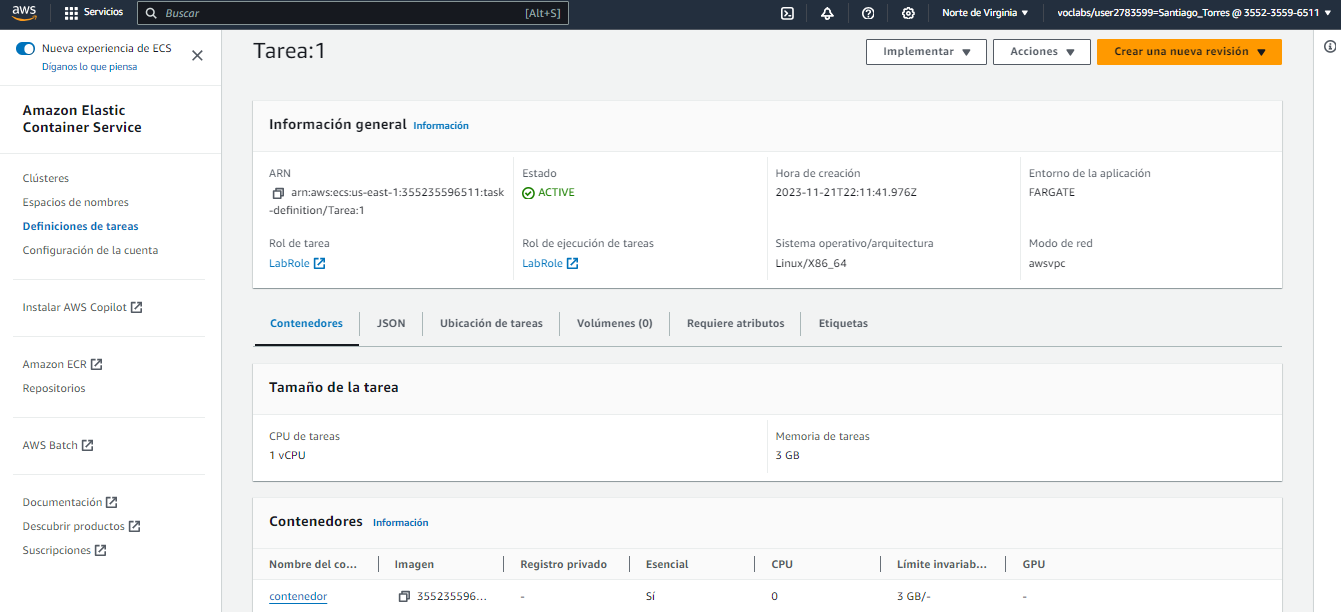




17.



24.



25. IP pública: 44.214.42.206

