Practical case 3

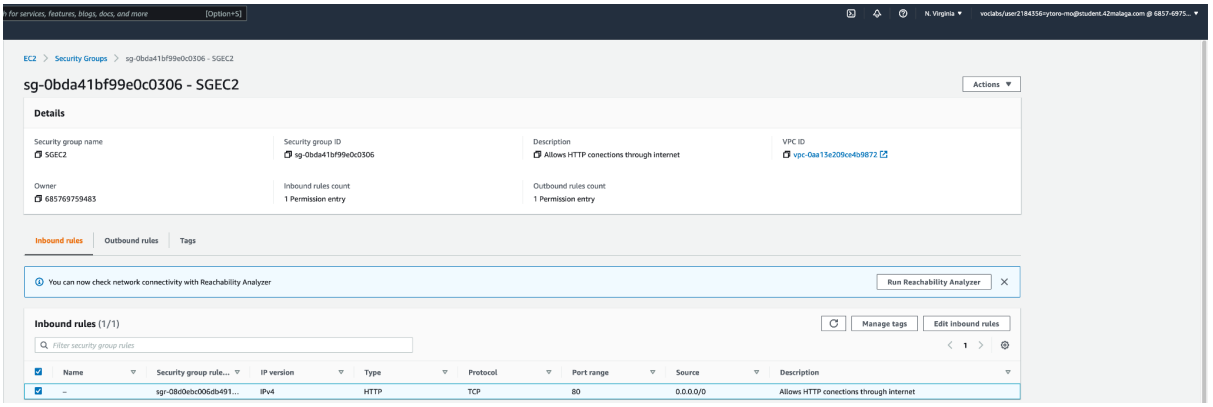
Student: Yago Toro Molina (ytoro-mo).

E-Mail: ytoro-mo@student.42malaga.com

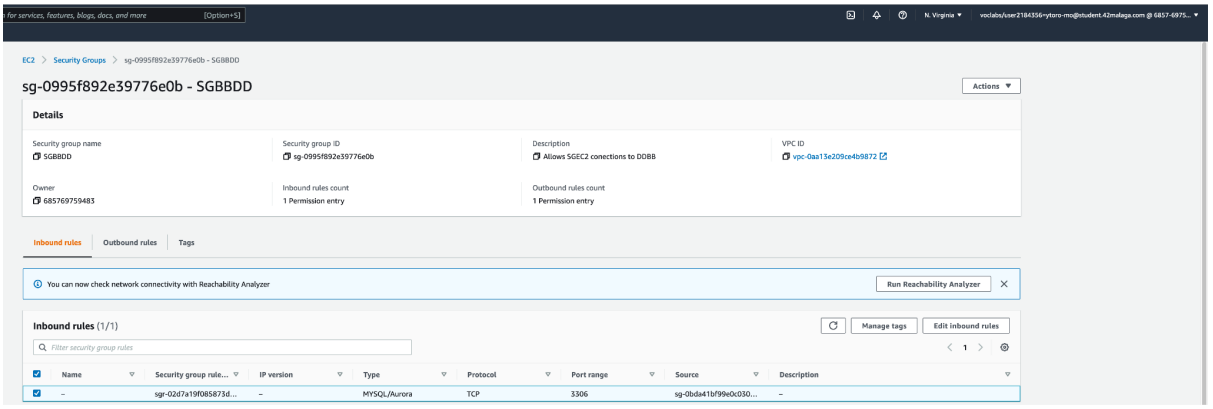
Task

We create a VPC with 2 availability zones, we will need 2 AZ for the DDBB.

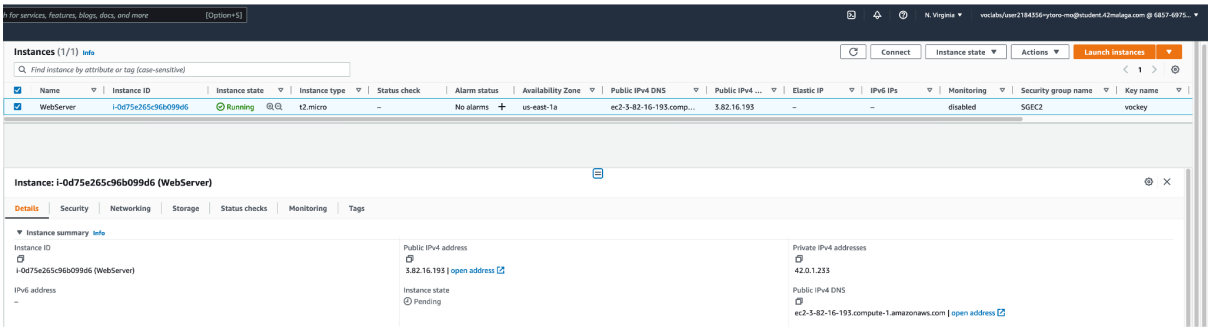
We create 2 security groups.



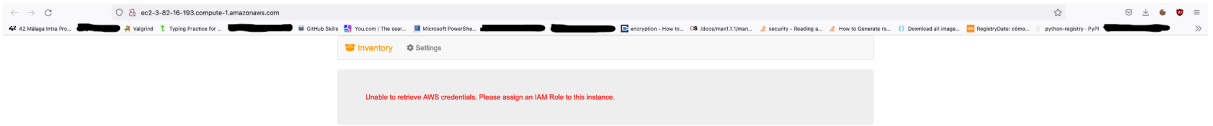
We create SGEC2 that allows HTTP connections through the internet.



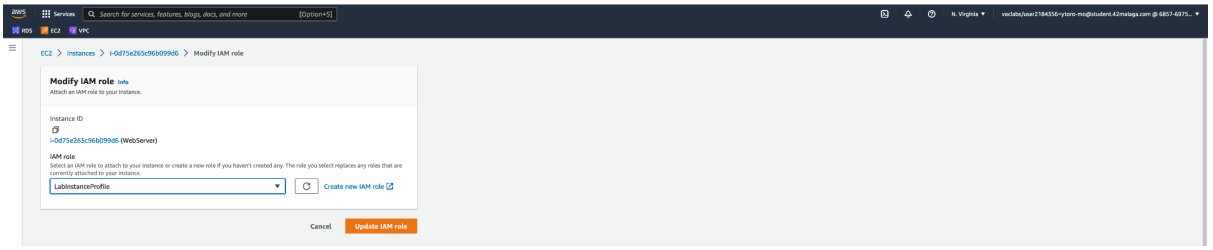
We create SGBBDD that allows to SGEC2 connect to instances that applies SGBBDD.



We create an EC2 instance in us-east-1a with the user date given to us in the statement of the practical case. This installs an Apache service and MySQL service.

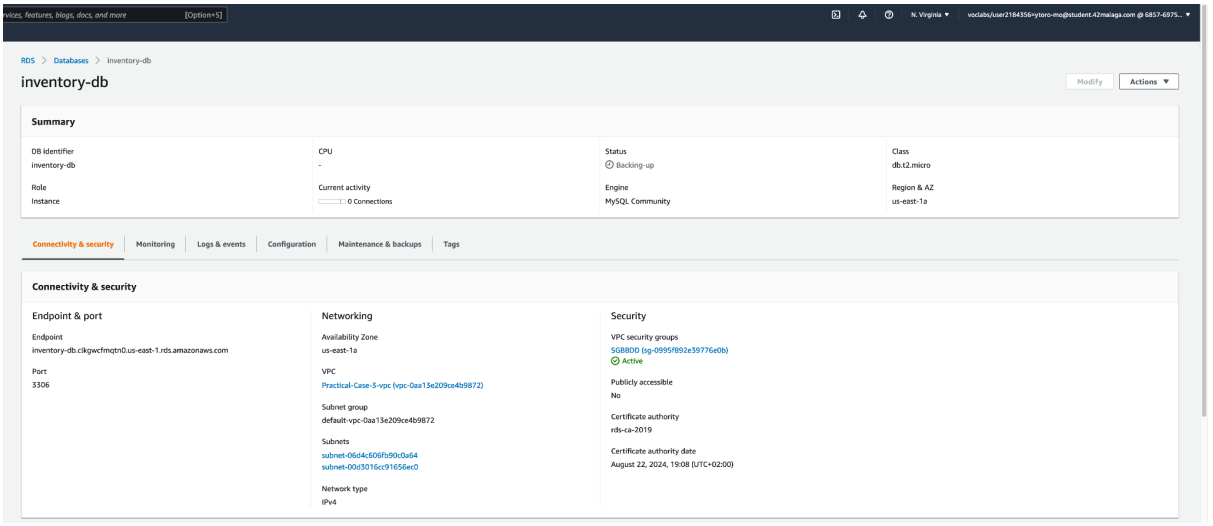


When we access the web server, this says to us that we don’t have permission to access the settings.

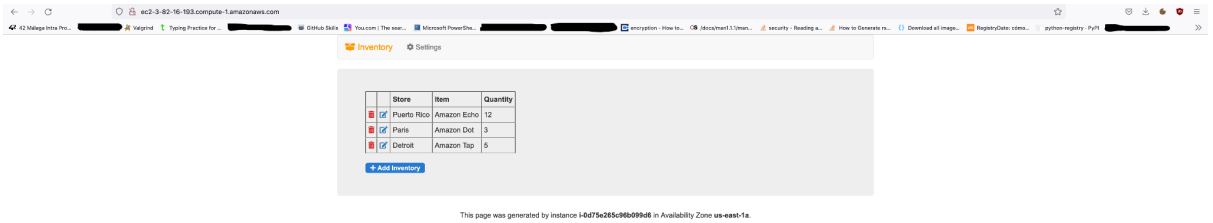


We assign LabInstanceProfile IAM role to our EC2 instance.

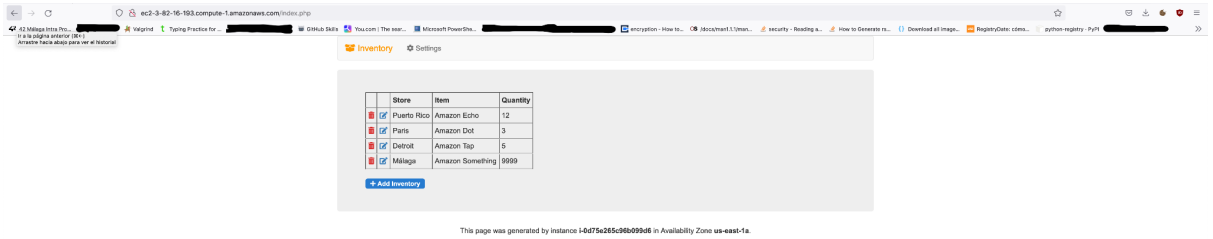
And now we have permissions to access the settings.



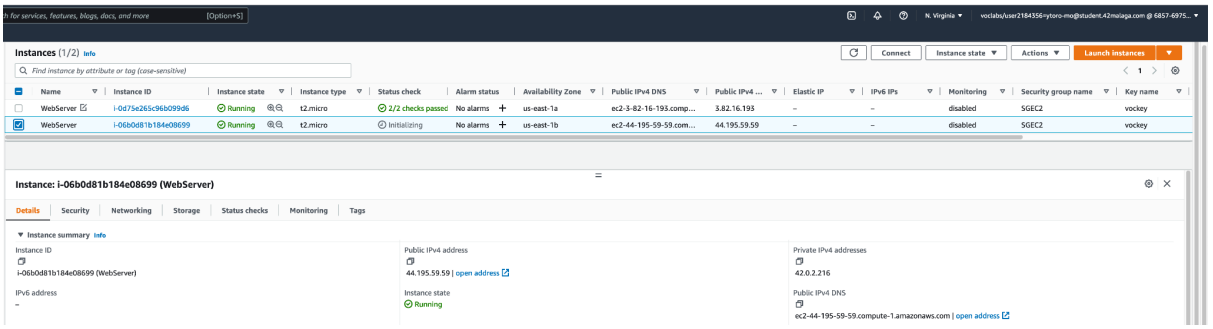
We create the DDBB and connect to our web server through the settings of this one.



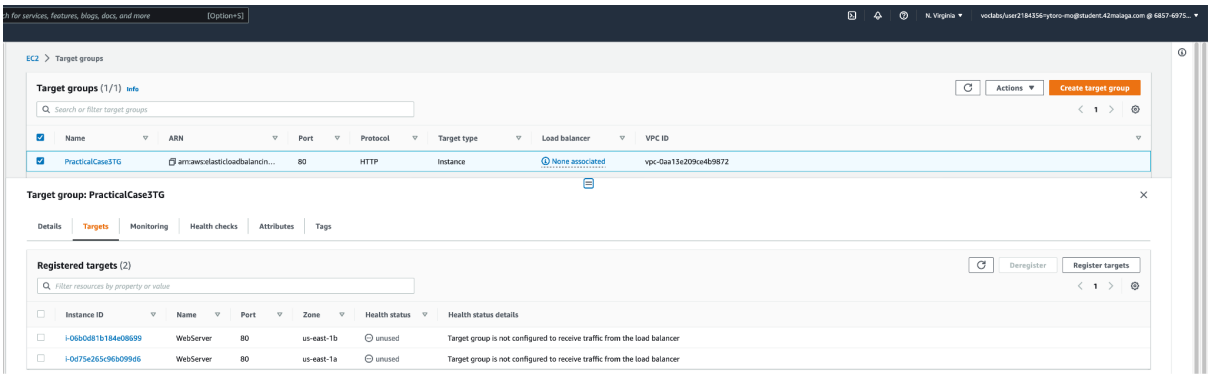
When we connect to the DDBB this only contains 3 elements.



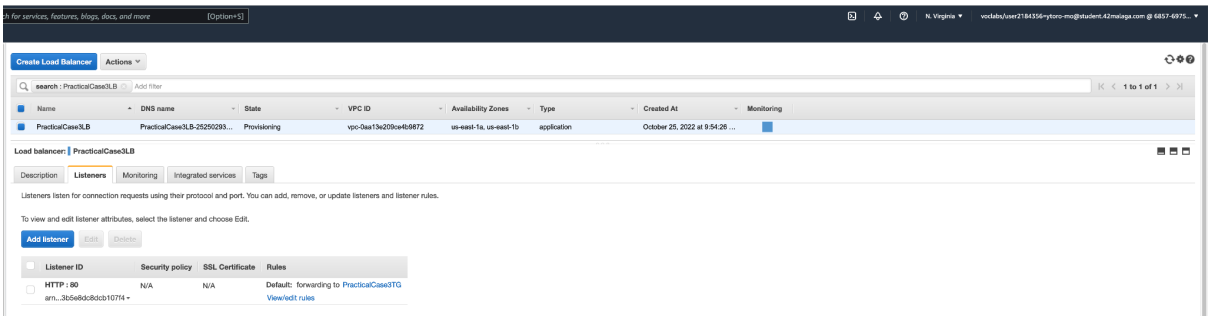
We add a fourth element by clicking on the “+ Add inventory” button. In this case we added Store=Málaga, Item=Amazon_Something and Quantity=9999.

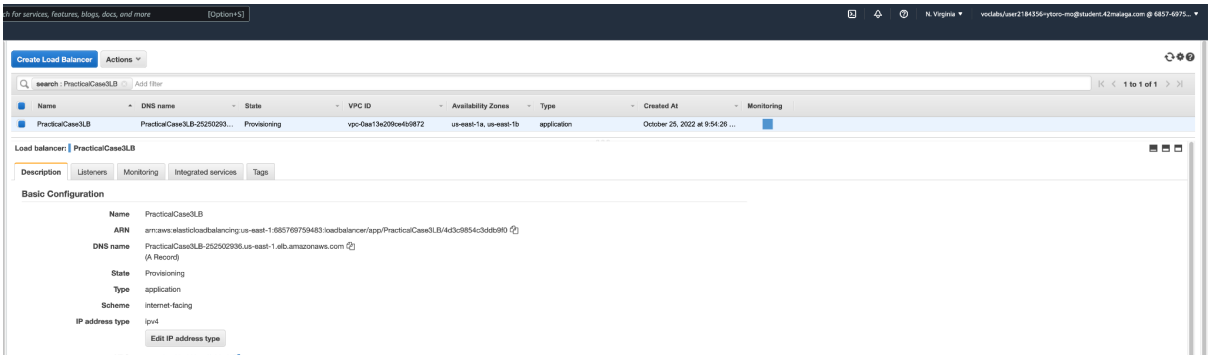


We create a copy of our EC2 instance, but in us-east-1b AZ.

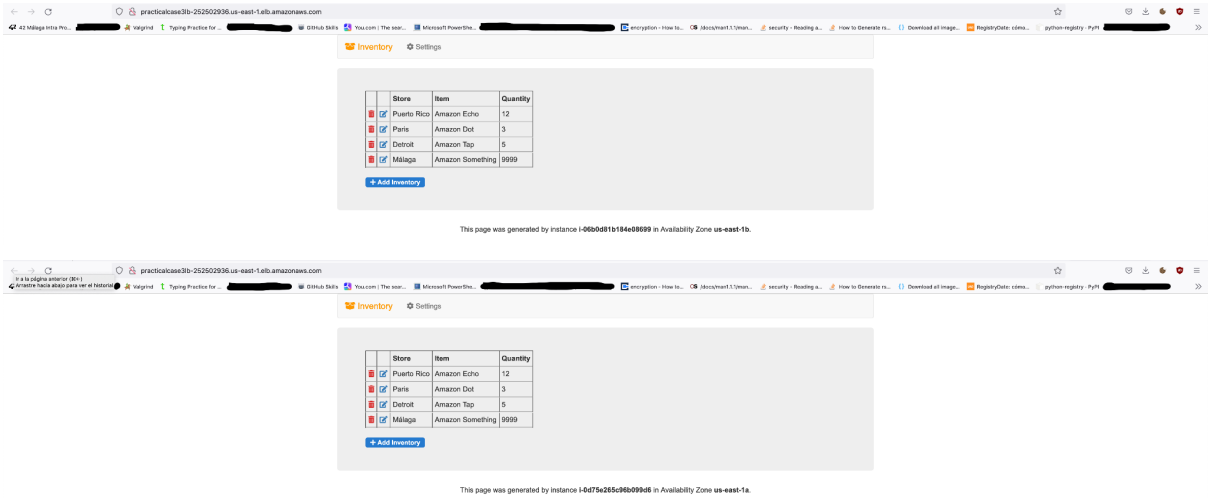


We create a new target group that includes both EC2 instances.





At last, we create a new Load Balancer that includes our previously created target group.



Finally, we check we can access both EC2 instances via HTTP, with the public DNS of our Load Balancer.