UNIVERSIDAD CENTRAL DEL ECUADOR

FACULTAD DE INGENIERIAS Y CIENCIAS APLICADAS

SISTEMAS DE INFORMACIÓN

PROGRAMACIÓN DISTRIBUIDA

Auto Scaling Group and Load Balancer

Sánchez Jumbo Pablo Jonatan

Bryan Alejandro Lara Izurieta

Paralelo:

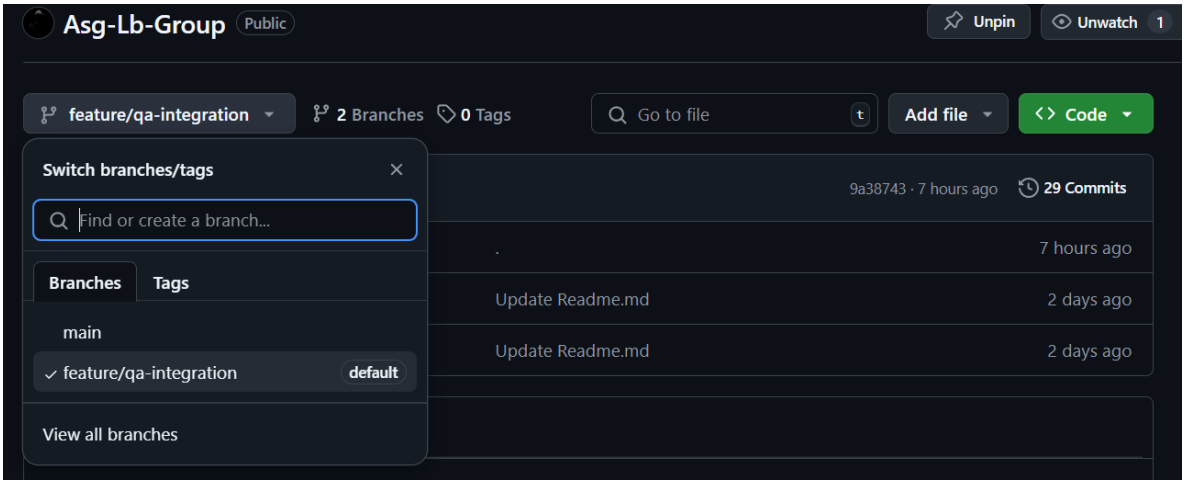
SIS8-003

Fecha:

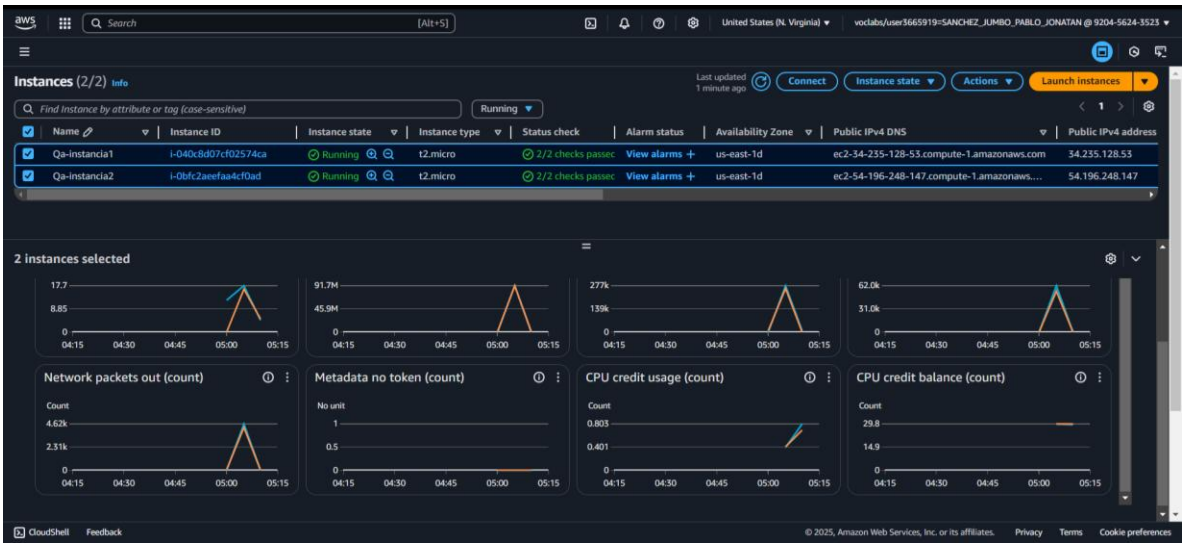
Quito, 18 de enero de 2025

Auto Scaling Group and Load Balancer

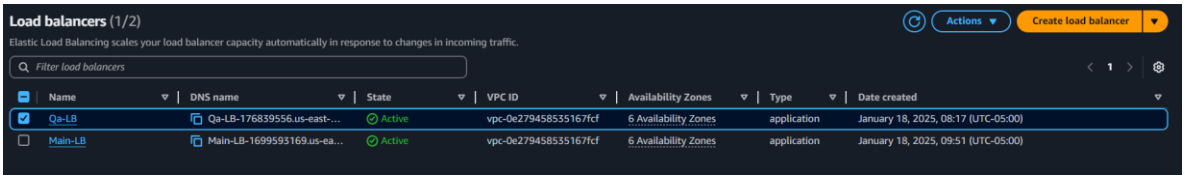
- **We create two branches, one for QA and another called Main.**

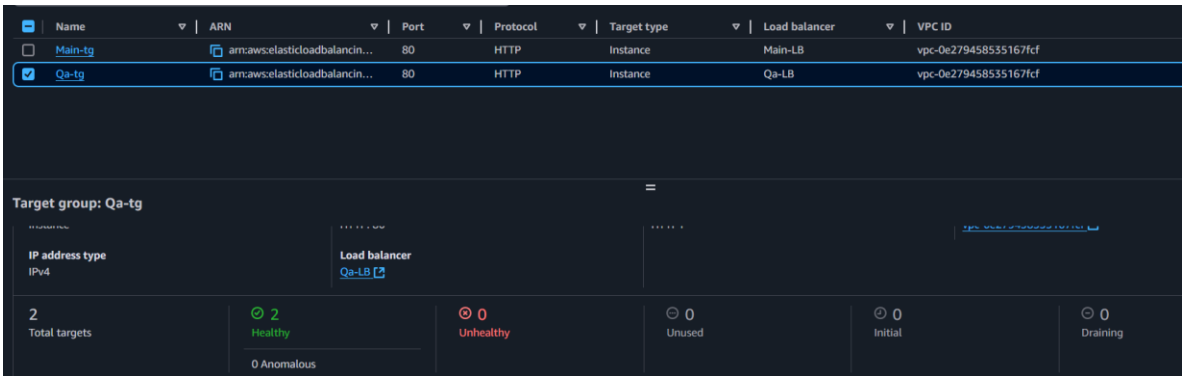


- **In our AWS, we create two instances for QA in which the web page will be reflected.**

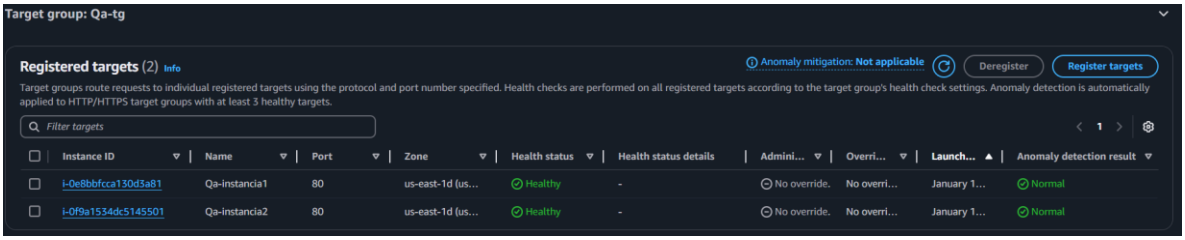


- **We create a Load Balancer for QA.**

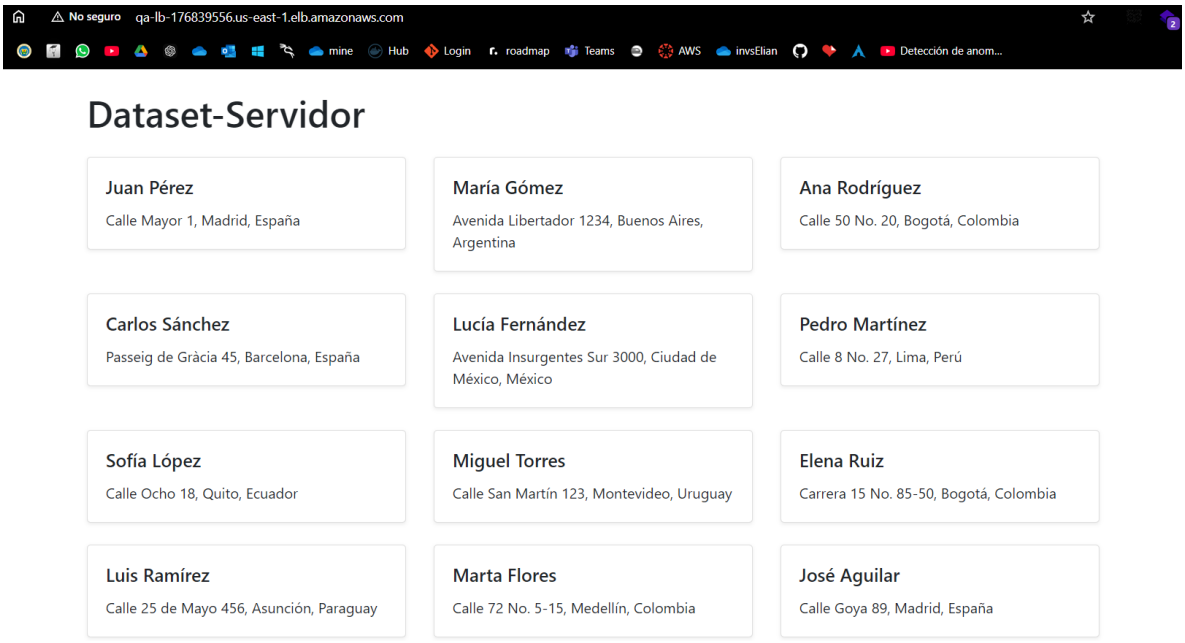




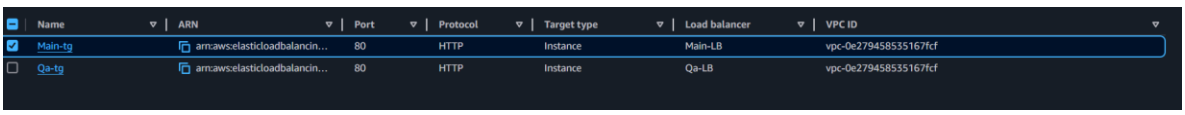
☐ **We verify that the two instances created are linked to the Load Balancer.**



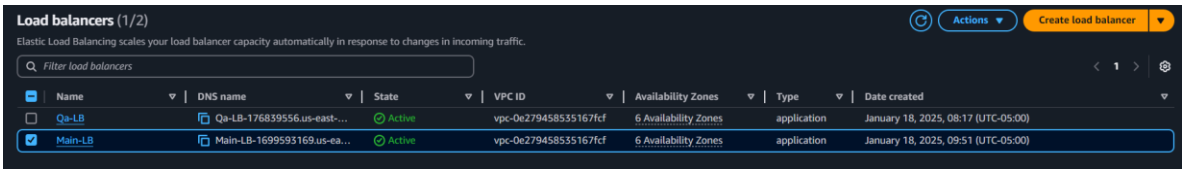
☐ **We check that the web page is running with the public IP.**

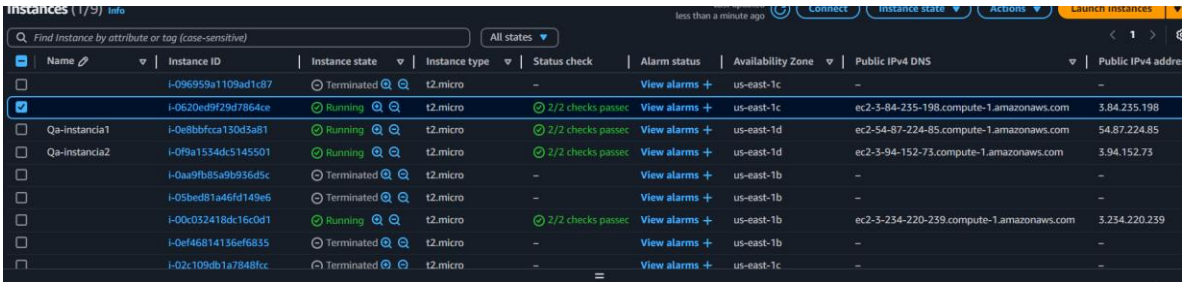


☐ **We create an image from our main instance and bind it to a target group for the Main.**

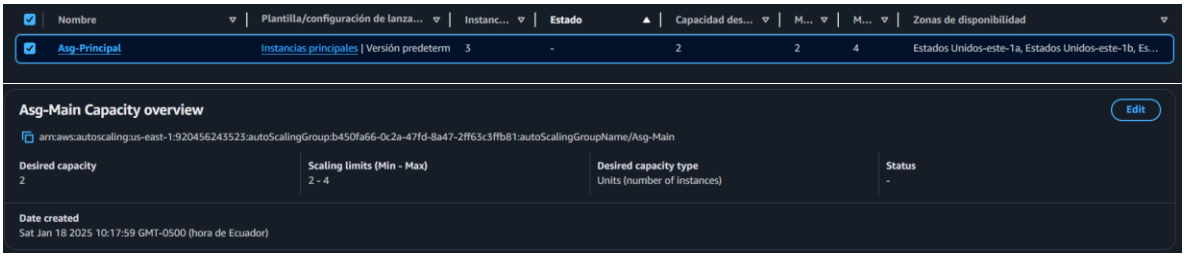


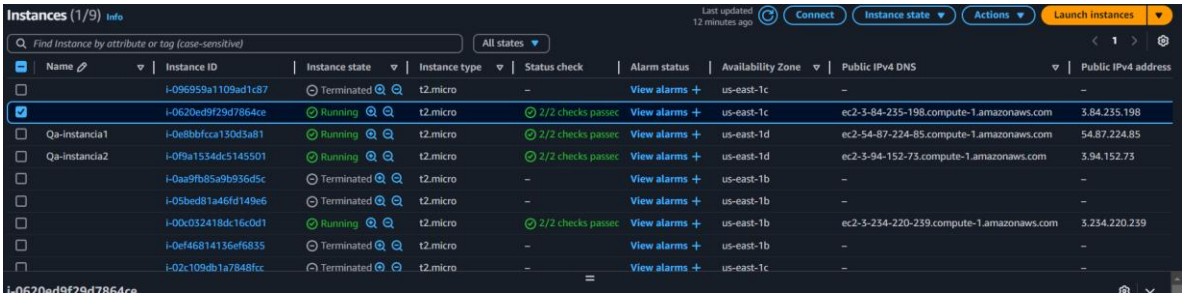
☐ **We create the Load Balancer for Main.**



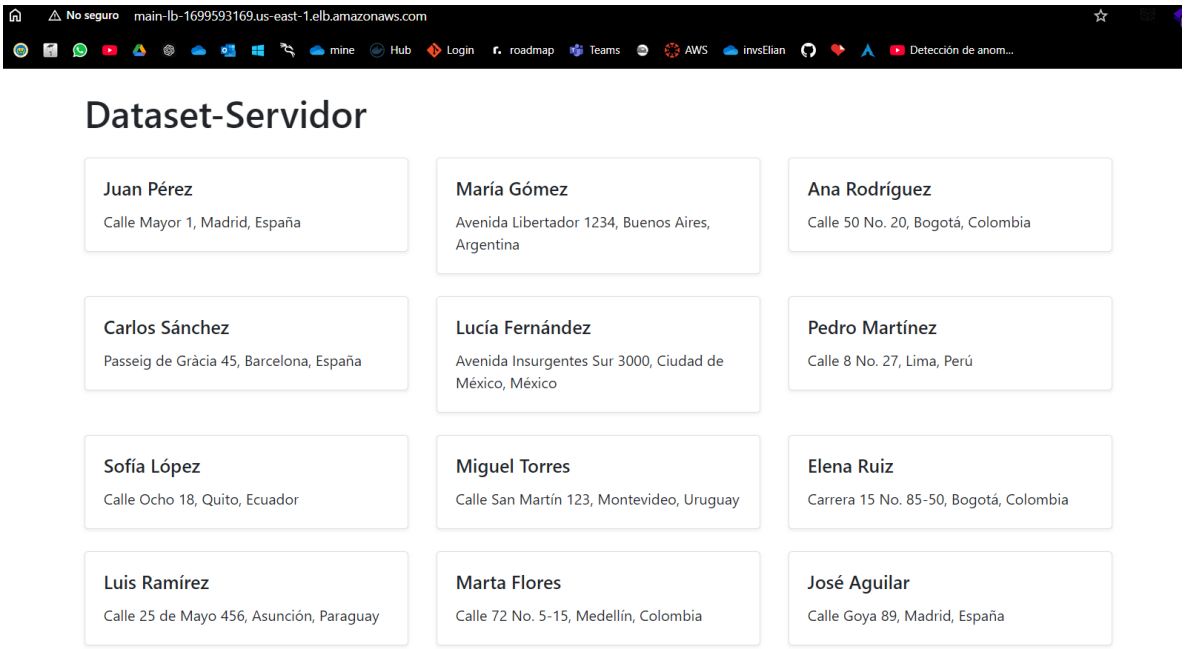


- **We link it to an Auto Scaling Group.**

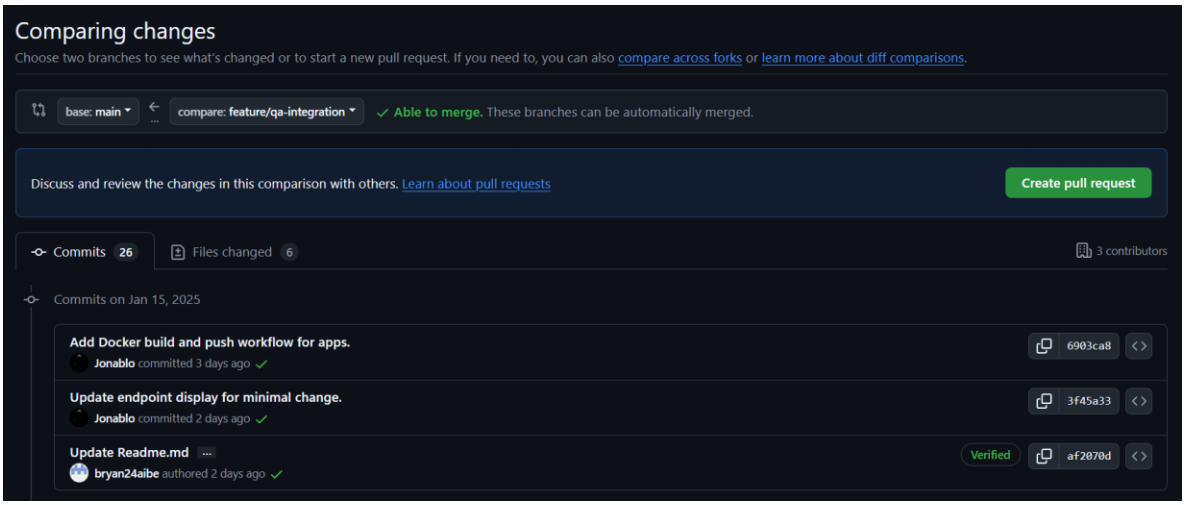




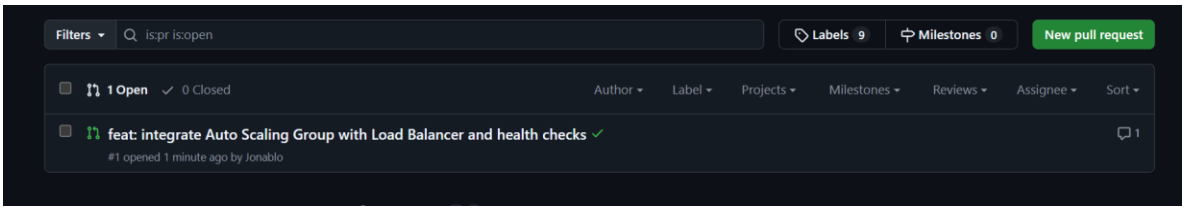
- **We confirm that the web page runs without issues using the URL provided by the new Load Balancer.**

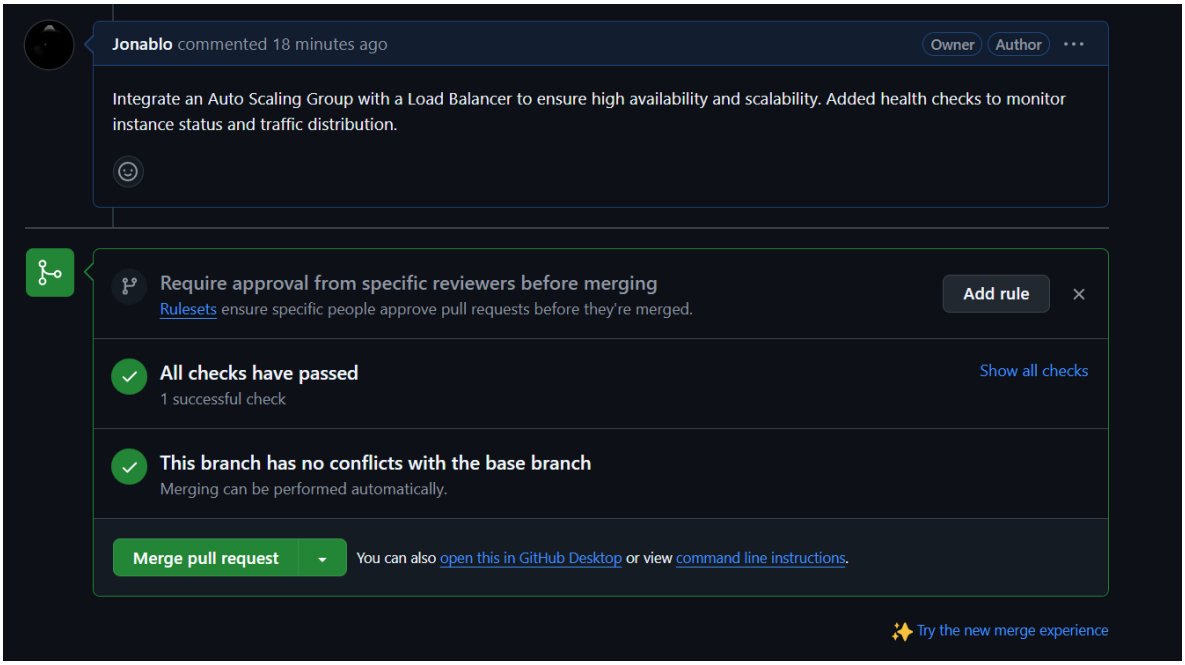


- **We make changes in QA and send Pull Requests to merge those changes into Main.**



- **We review and process the Pull Requests.**





- GitHub Link

https://github.com/Jonablo/Asg-Lb-Group