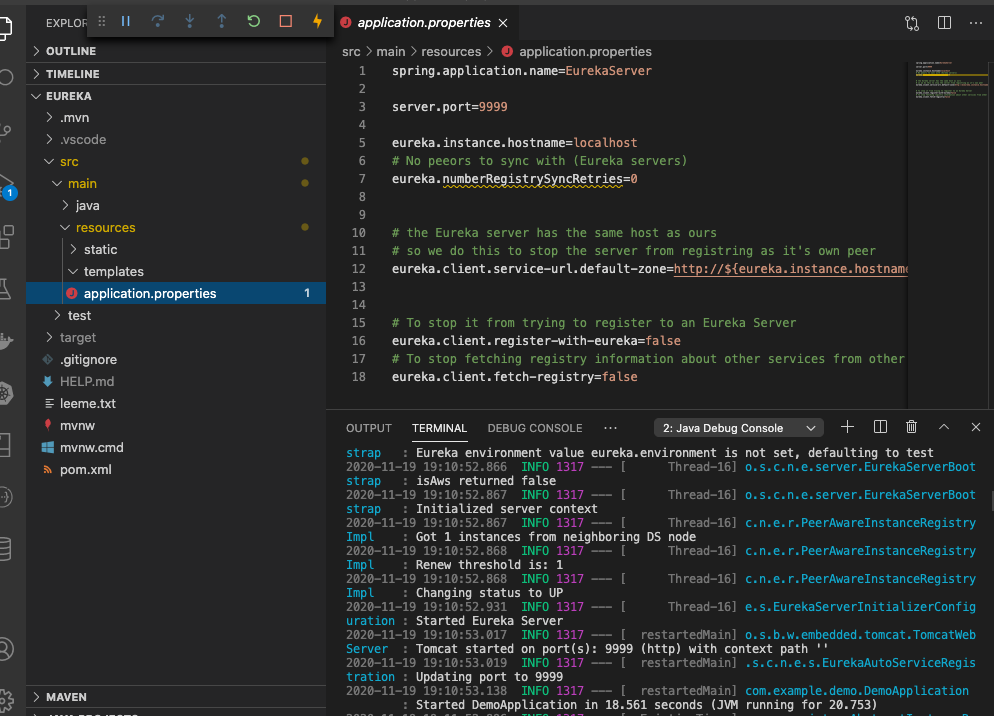
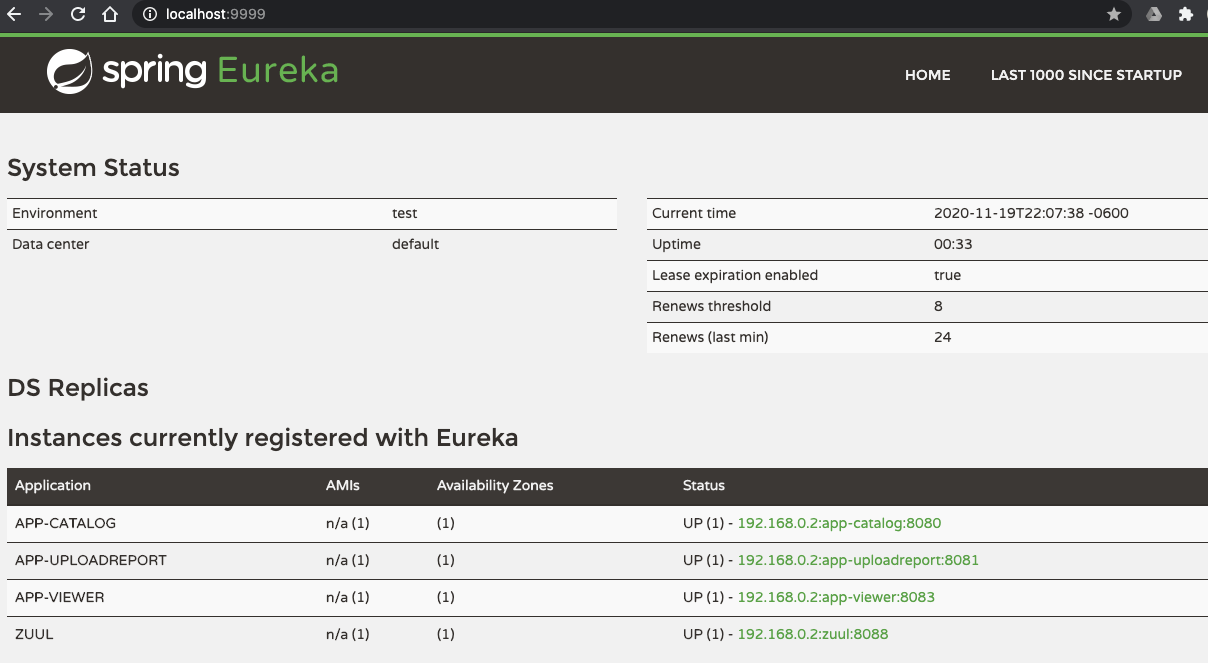
# Evidencias del Proyecto de Reportes

Gabriel Ramírez Pacheco

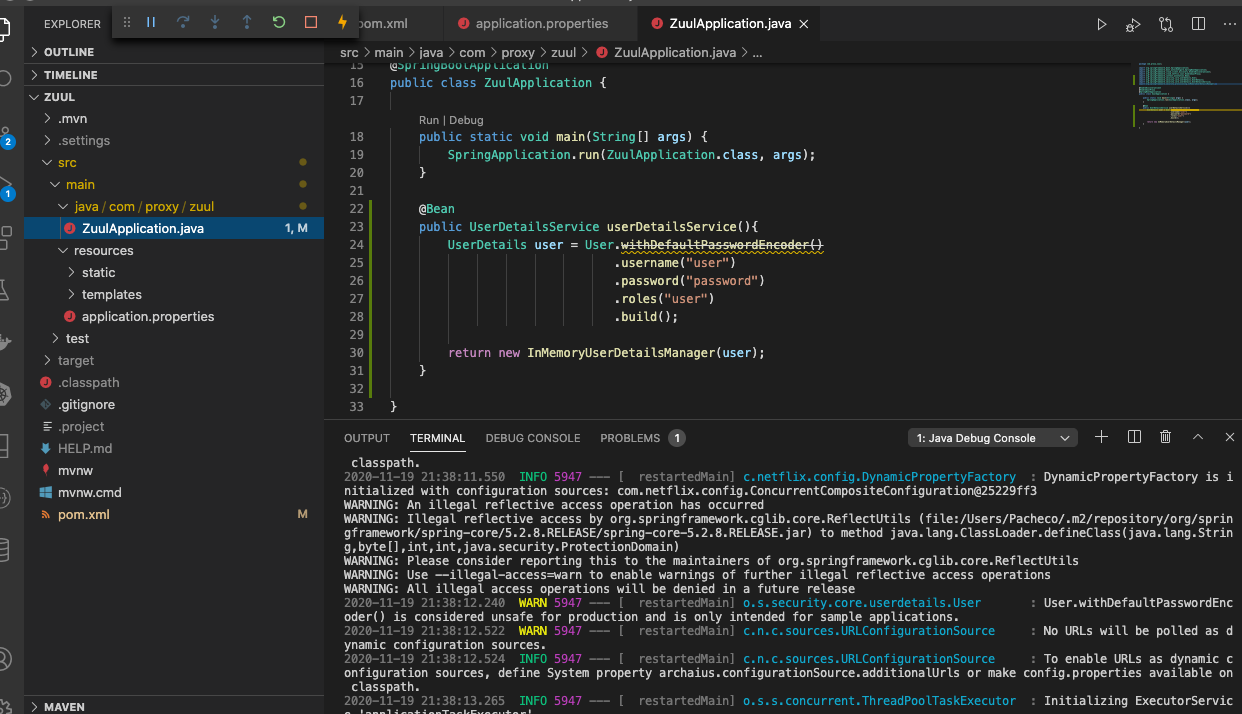
**Solución** **Implementado con Netflix OSS**

1. Eureka Server

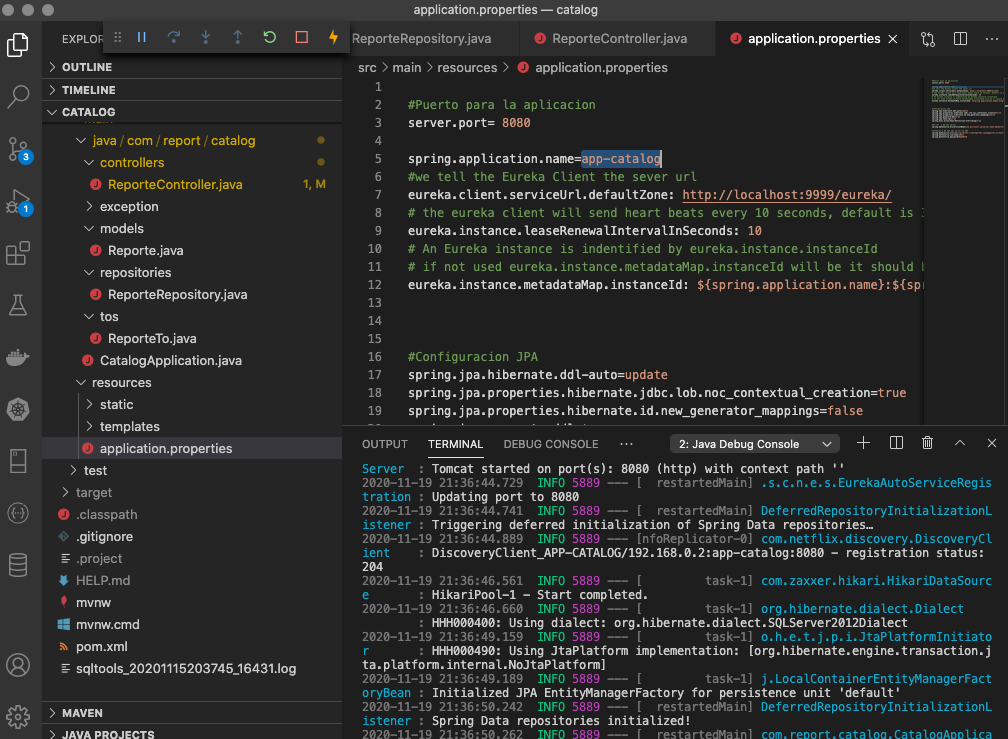




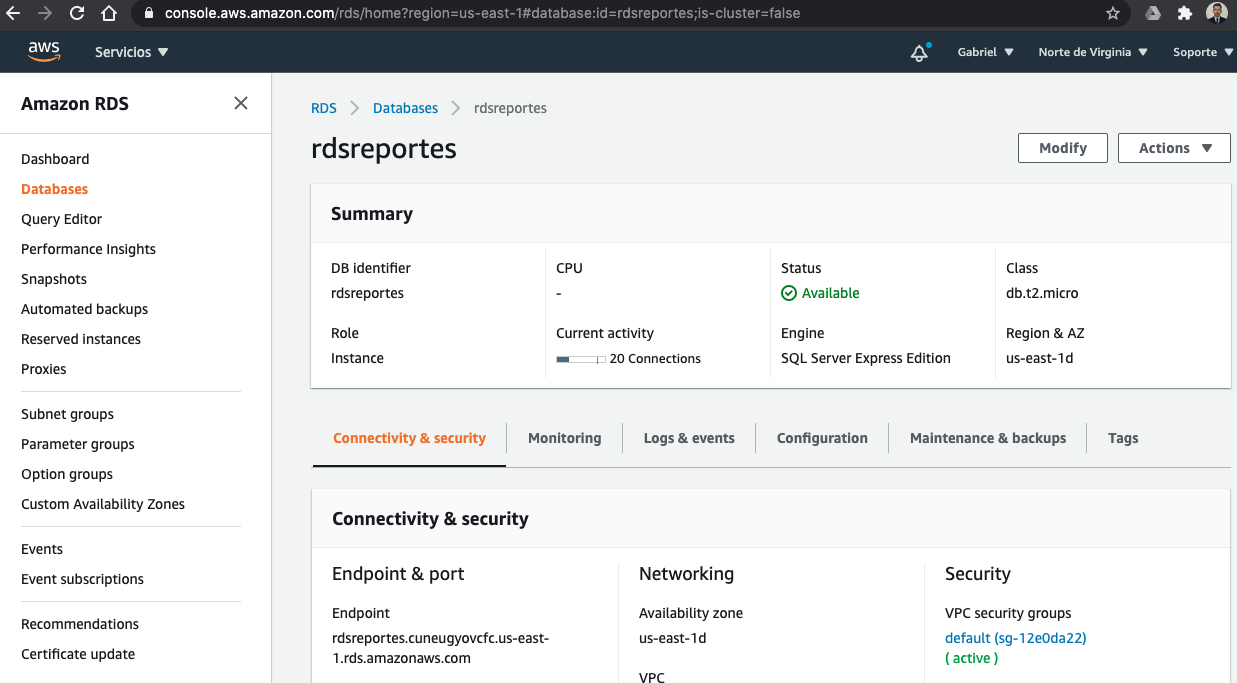
1. Zuul (Proxy): Puerto 8088



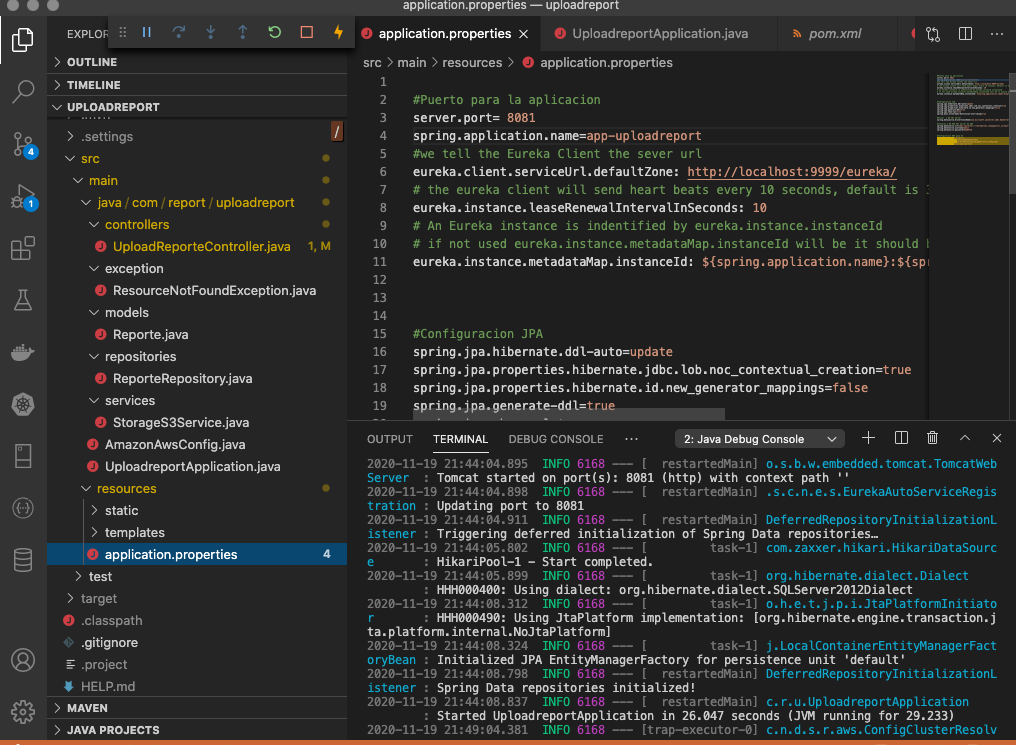
1. Microservicio de catalogo



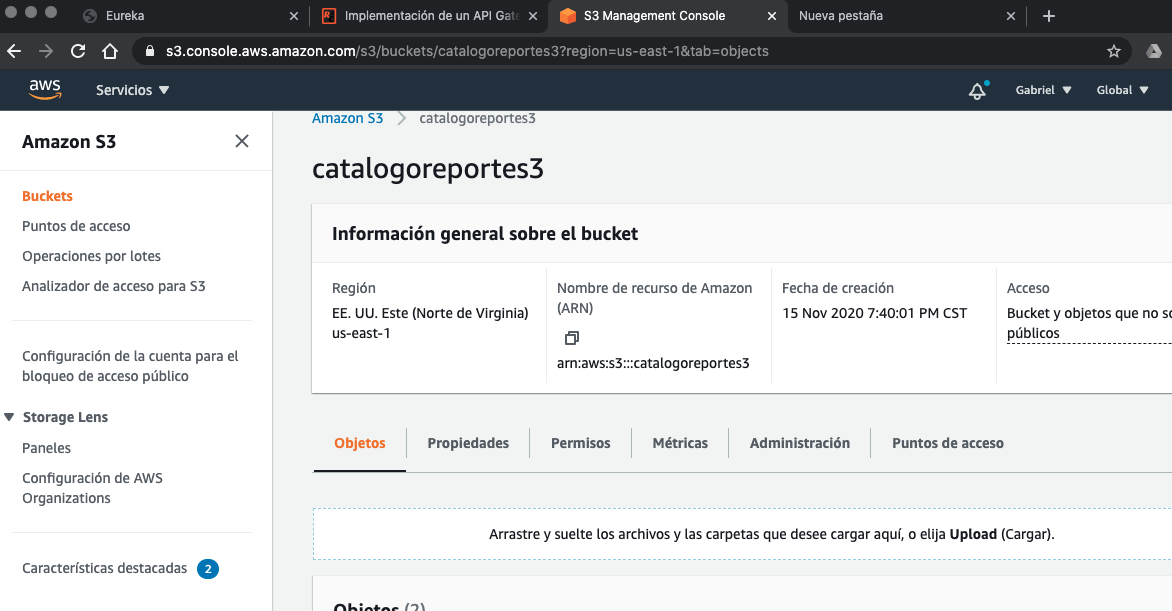
* Creacion de BD Sql Server en RDS AWS



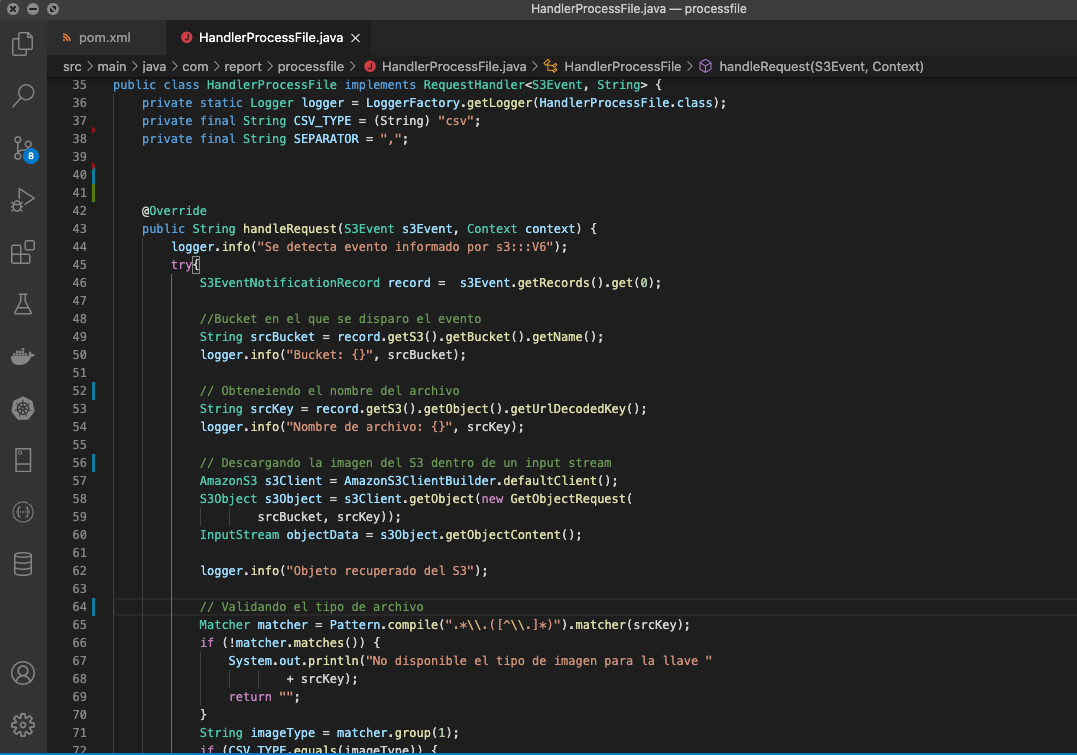
1. Microservicio de Upload de Archivos



* Creacion del S3 en AWS



1. Proceso de archivos (Para ejecutar en función Lambda)



* Definicion de la política para la función lambda para lectura de S3 y guardado en DynamoDB

JSON:

{

"Version": "2012-10-17",

"Statement": [

{

"Effect": "Allow",

"Action": [

"logs:PutLogEvents",

"logs:CreateLogGroup",

"logs:CreateLogStream"

],

"Resource": "arn:aws:logs:\*:\*:\*"

},

{

"Effect": "Allow",

"Action": [

"s3:GetObject"

],

"Resource": "arn:aws:s3:::catalogoreportes3/\*"

},

{

"Sid": "Stmt1428341300017",

"Action": [

"dynamodb:DeleteItem",

"dynamodb:GetItem",

"dynamodb:PutItem",

"dynamodb:Query",

"dynamodb:Scan",

"dynamodb:UpdateItem"

],

"Effect": "Allow",

"Resource": "\*"

},

{

"Sid": "",

"Resource": "\*",

"Action": [

"logs:CreateLogGroup",

"logs:CreateLogStream",

"logs:PutLogEvents"

],

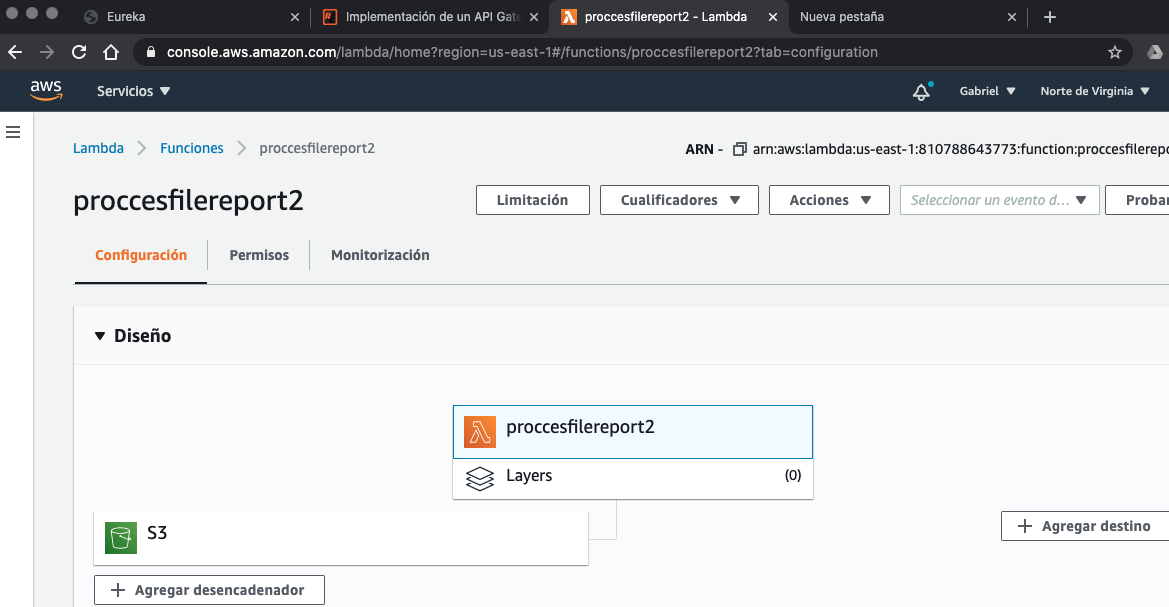
"Effect": "Allow"

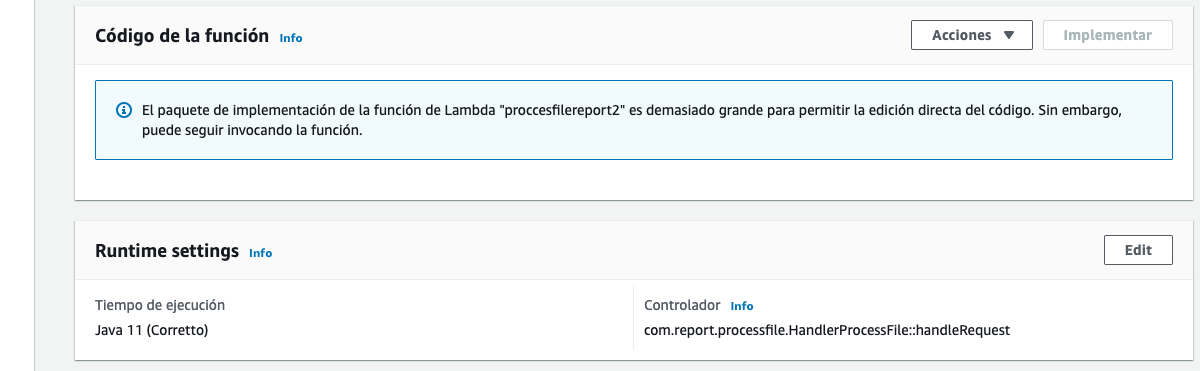
}

]

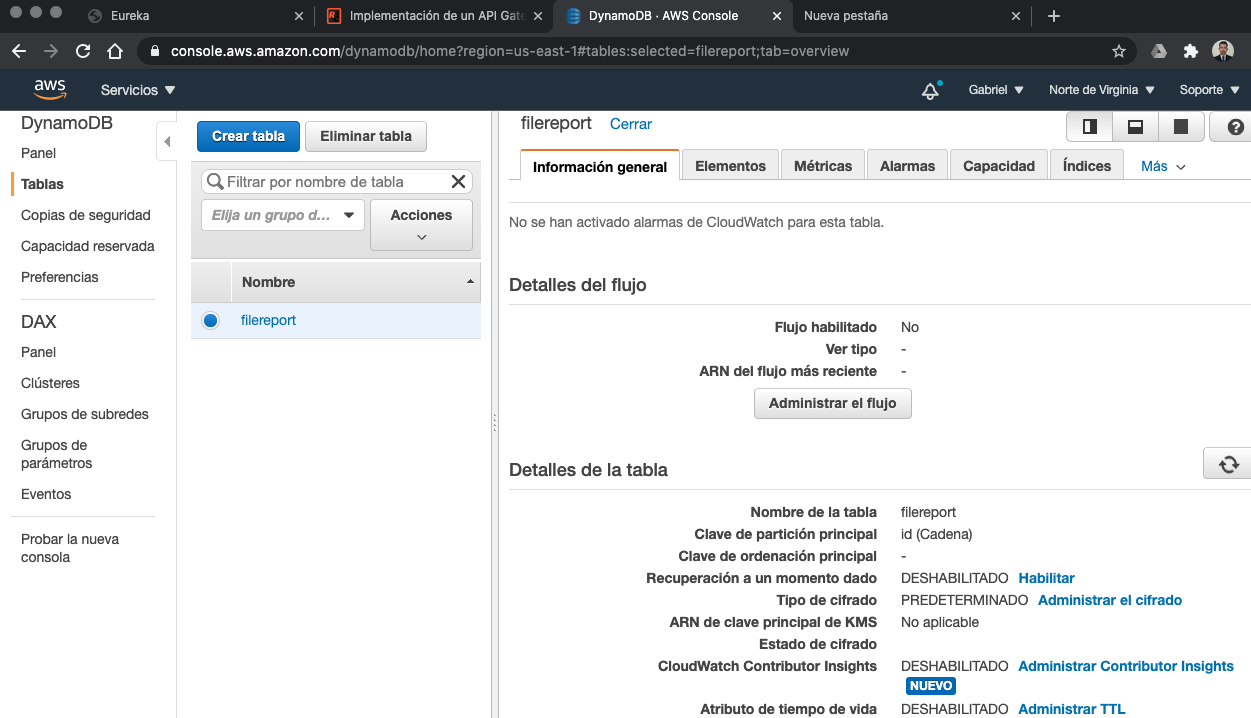
}

* Implementacion de la Funcion Lambda en AWS

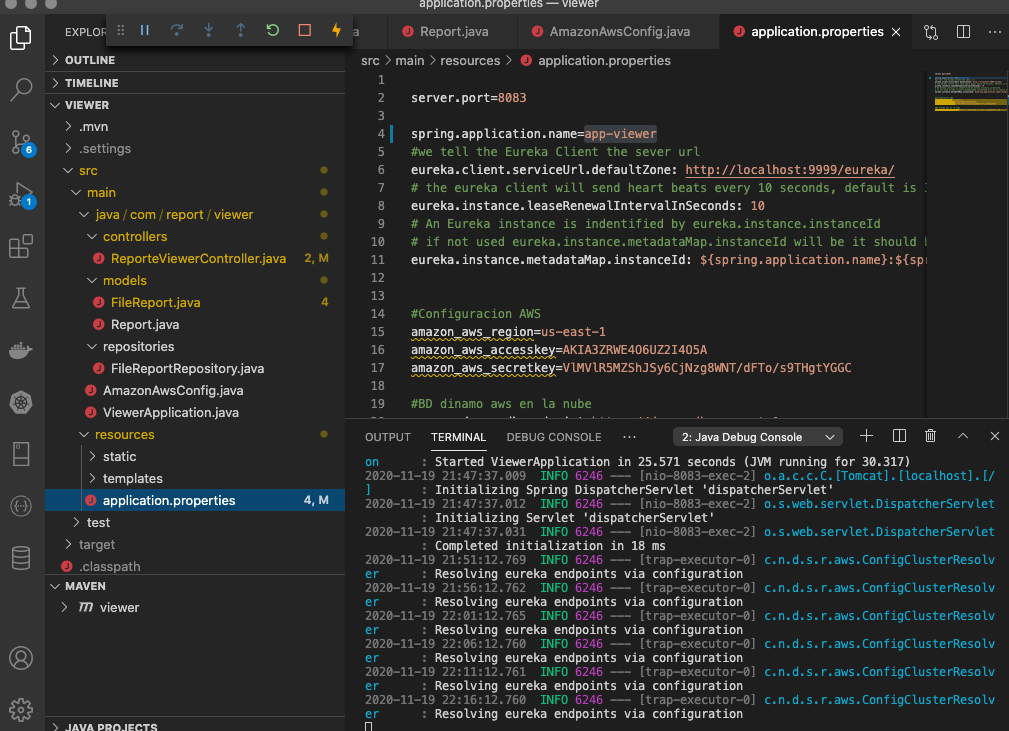




* Implementacion de la Tabla DynamoBD



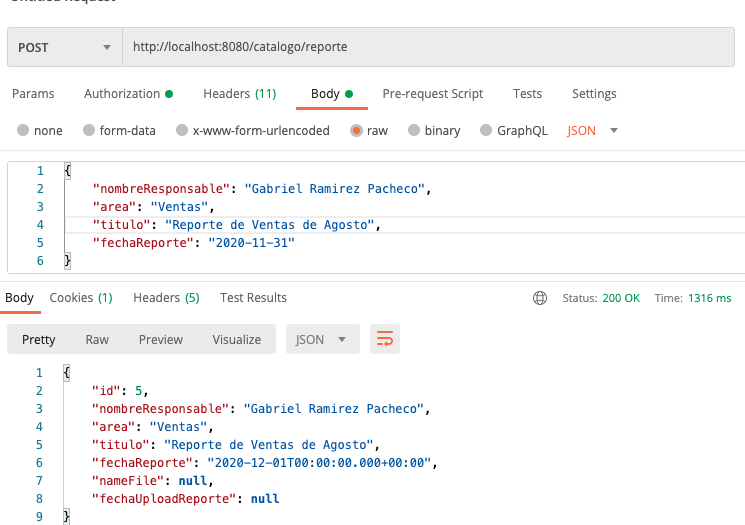
1. Microservicio de Visor de Reportes

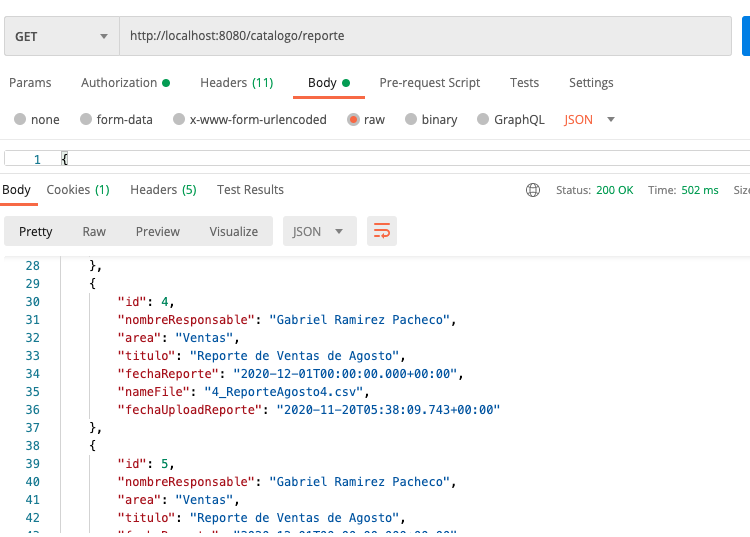


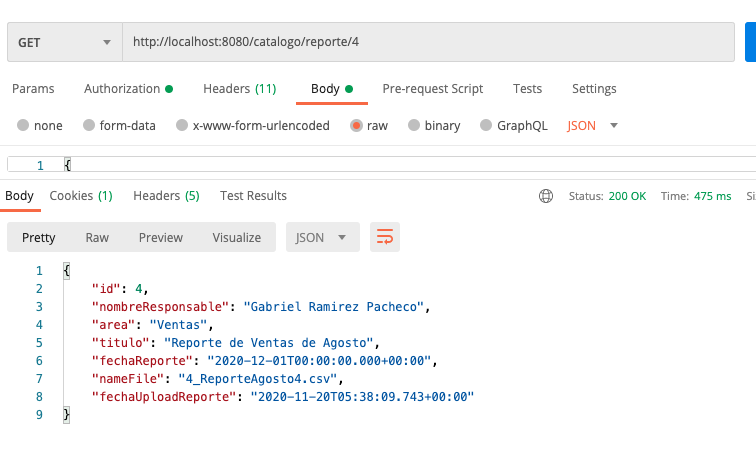
**Pruebas del funcionamiento de los microservicios**

1. **Microservicio de catalogo**

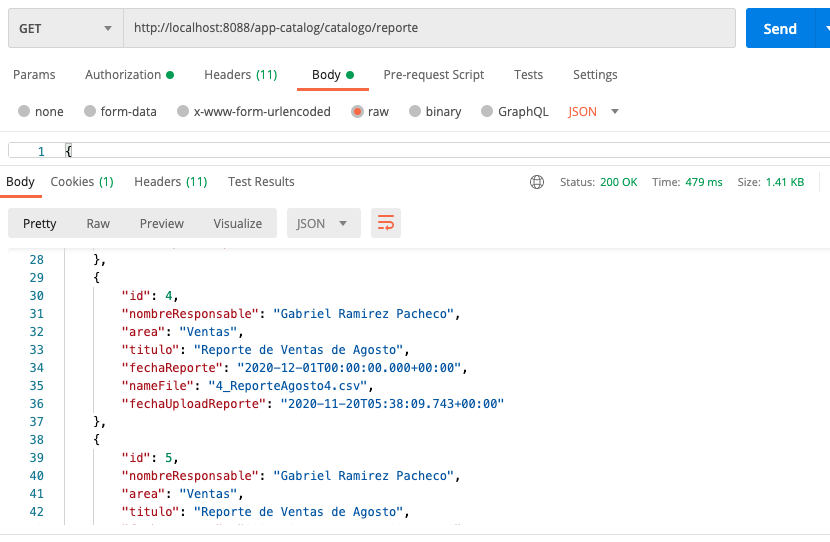
* **Consumo directo**

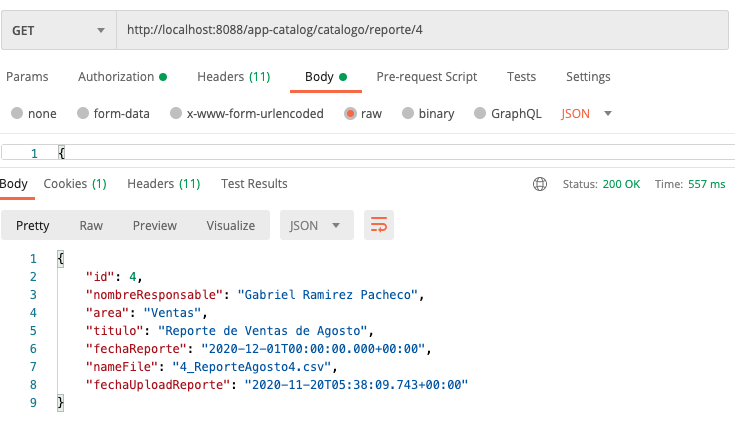
****

****

****

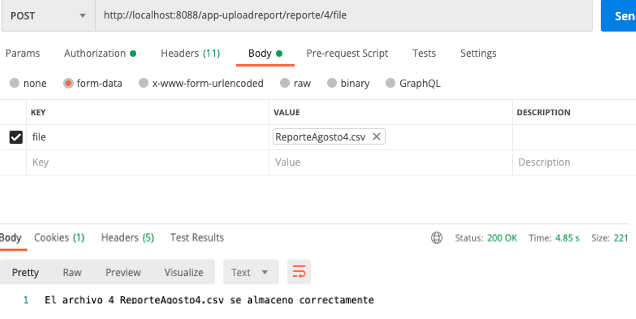
* **Consumo a través de Proxy (Zuul)**

****

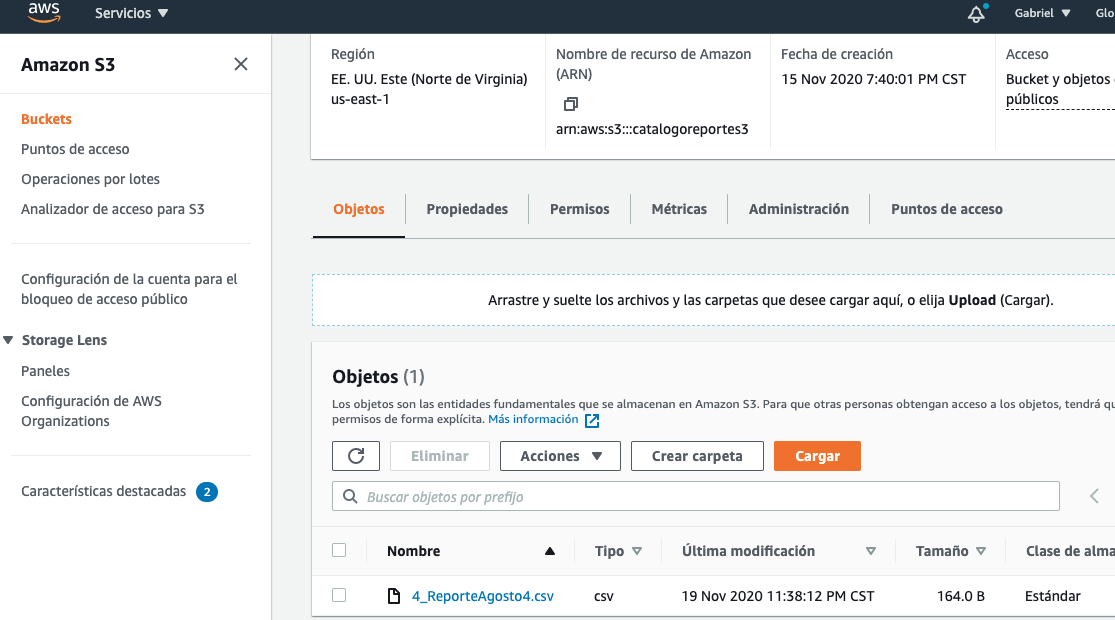
****

1. **Microservicio de Upload Archivo**

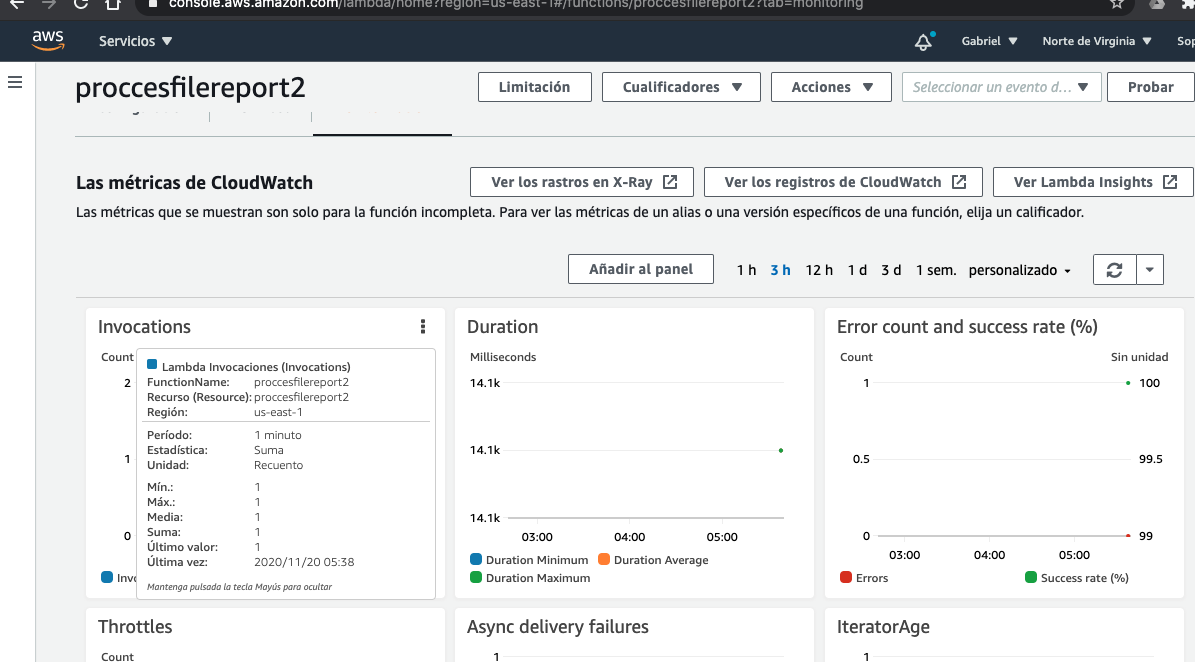
* **Consumo a través de Proxy (Zuul)**

****

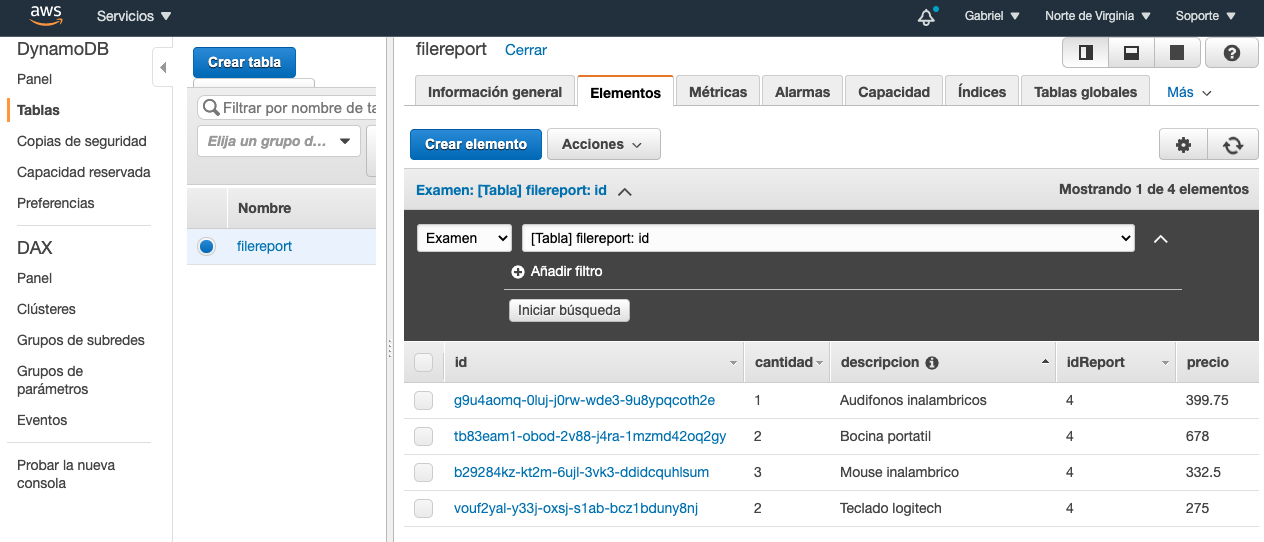
* **Archivo en S3**

****

* **Ejecución de función Lambda**

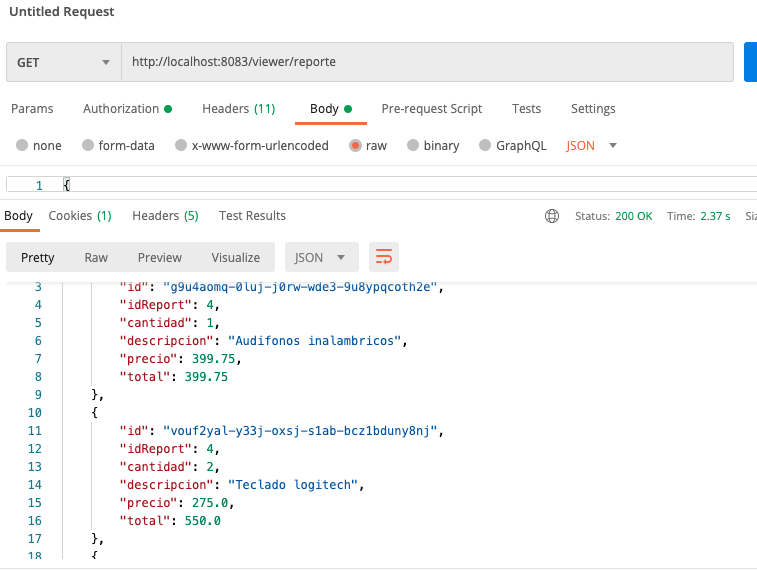
****

* **Guardado de información en DynamoDB**

****

1. **Microservicio de Visor de Reportes (Archivos)**

* **Consumo directo**

****

* **Consumo a través de Proxy (Zuul)**

