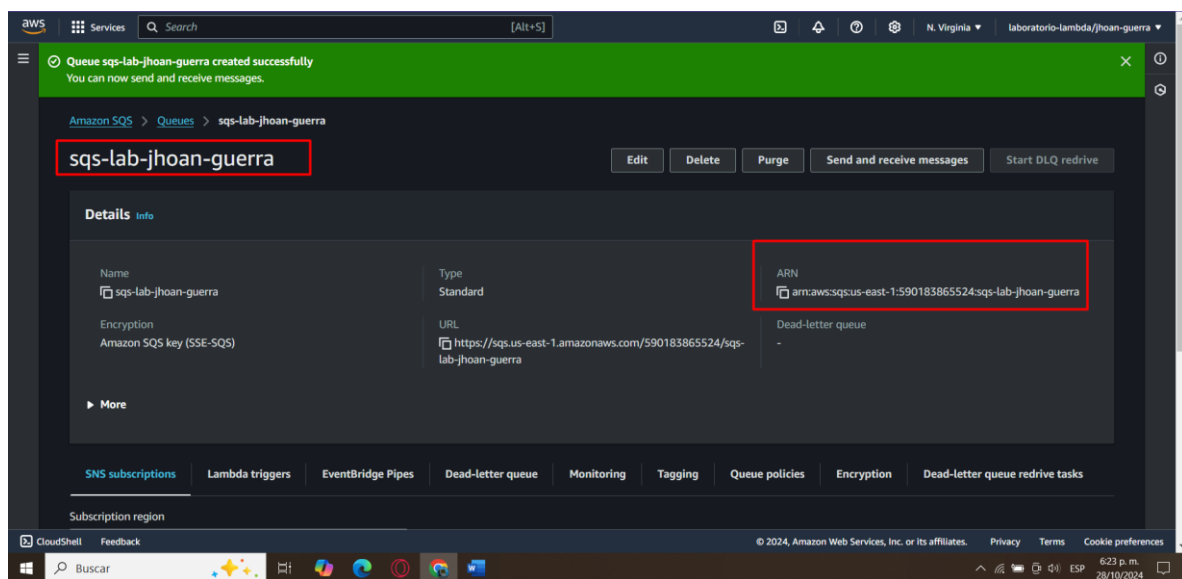


## LABORATORIO DE SQS Y SNS

En este laboratorio, configuramos una función Lambda que, mediante un desencadenador SQS, procesa mensajes enviados a una cola y guarda su contenido en un bucket S3. Para lograrlo, primero creamos una cola SQS estándar que recibirá los mensajes. Luego, implementamos la función Lambda con permisos necesarios para interactuar con S3 y SNS. El código de Lambda guarda cada mensaje en S3 y, al mismo tiempo, publica el mensaje en un tema SNS. En la última parte, configuramos SNS con una suscripción de correo electrónico para notificar cuando un mensaje es recibido y almacenado. Finalmente, probamos el flujo enviando un mensaje a SQS, verificando que se guarde en S3 y que SNS envíe la notificación correspondiente.



Amazon SNS

Dashboard  
Topics  
Subscriptions  
▼ Mobile  
Push notifications  
Text messaging (SMS)

New Feature  
Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

Topic ProcessingNotificationTopicJhoanGuerra created successfully.  
You can create subscriptions and send messages to them from this topic. [Publish message](#)

Amazon SNS > Topics > ProcessingNotificationTopicJhoanGuerra

ProcessingNotificationTopicJhoanGuerra [Edit](#) [Delete](#) [Publish message](#)

Details

Name	ProcessingNotificationTopicJhoanGuerra
Display name	-
ARN	arn:aws:sns:us-east-1:590183865524:ProcessingNotificationTopicJhoanGuerra
Type	Standard
Topic owner	590183865524

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Amazon SNS

Dashboard  
Topics  
Subscriptions  
▼ Mobile  
Push notifications  
Text messaging (SMS)

New Feature  
Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

Amazon SNS > Subscriptions

Subscriptions (5) [Edit](#) [Delete](#) [Request confirmation](#) [Confirm subscription](#) [Create subscription](#)

	ID	Endpoint	Status	Protocol	Topic
<input type="radio"/>	Pending confirmation	desarrollador.nodoka@gmail.com	Pending confirmation	EMAIL	ProcessingNotificationTo...
<input type="radio"/>	Pending confirmation	jhoanguerra7.5@gmail.com	Pending confirmation	EMAIL	ProcessingNotificationTo...
<input type="radio"/>	Pending confirmation	staniek18@gmail.com	Pending confirmation	EMAIL	ProcessingNotificationTo...
<input type="radio"/>	Pending confirmation	kmilo8433@gmail.com	Pending confirmation	EMAIL	ProcessingNotificationTo...
<input type="radio"/>	Pending confirmation	luchob2001@gmail.com	Pending confirmation	EMAIL	processingNotification-je...

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Amazon S3

Buckets  
Access Grants  
Access Points  
Object Lambda Access Points  
Multi-Region Access Points  
Batch Operations  
IAM Access Analyzer for S3  
Block Public Access settings for this account  
▼ Storage Lens  
Dashboards  
Storage Lens groups  
AWS Organizations settings  
Feature spotlight

Amazon S3 > Buckets > bucket-lab-jhoan-guerra

bucket-lab-jhoan-guerra [info](#)

[Objects](#) [Properties](#) [Permissions](#) [Metrics](#) [Management](#) [Access Points](#)

Bucket overview

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	arn:aws:s3::bucket-lab-jhoan-guerra	October 28, 2024, 18:35:21 (UTC-05:00)

Bucket Versioning [Edit](#)

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning  
Disabled

Multi-factor authentication (MFA) delete  
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

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6:42 p.m. 28/10/2024



Simple Notification Service

### Subscription confirmed!

You have successfully subscribed.

Your subscription's id is:

arn:aws:sns:us-east-1:590183865524:ProcessingNotificationTopic:jhoanGuerra:931a51fa-8496-4d37-9f5f-896e53d86fe4

If it was not your intention to subscribe, [click here to unsubscribe](#).



Lambda > Functions > Lambda-jhoan-guerra

Lambda-jhoan-guerra

Throttle Copy ARN Actions

The trigger sqs-lab-jhoan-guerra was successfully added to function Lambda-jhoan-guerra. The trigger is in a disabled state.

Function overview

Diagram

Template

Lambda-jhoan-guerra

Layers (0)

SQS

+ Add trigger

+ Add destination

Description

Last modified 23 minutes ago

Function ARN arn:aws:lambda:us-east-1:590183865524:function:Lambda-jhoan-guerra

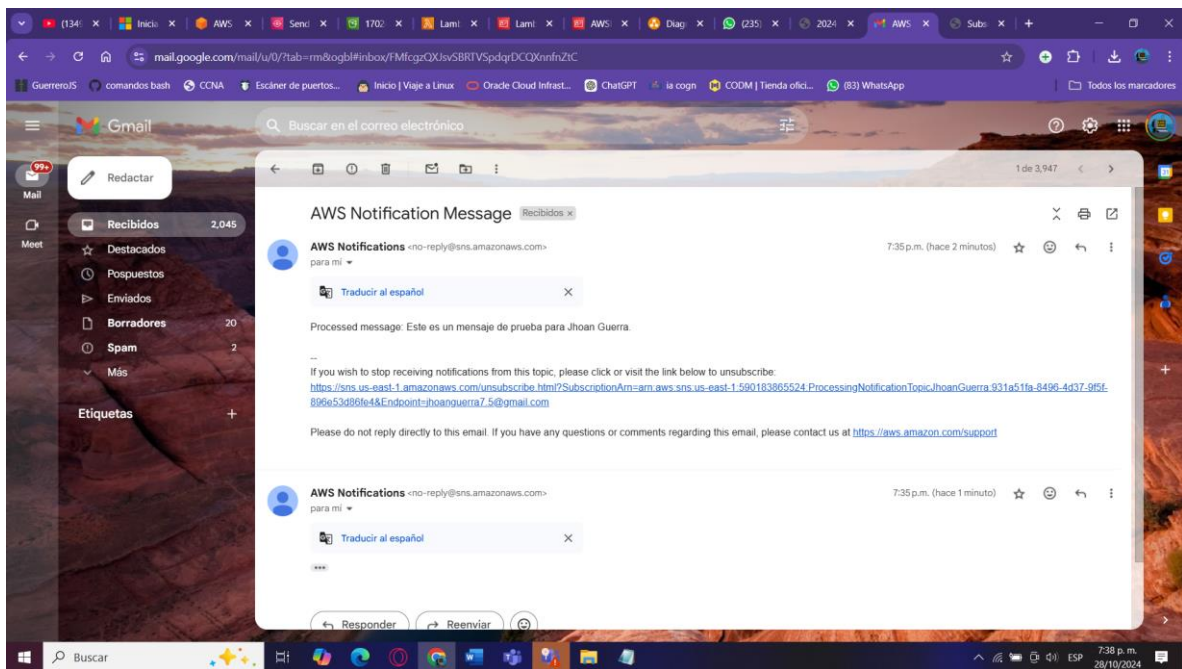
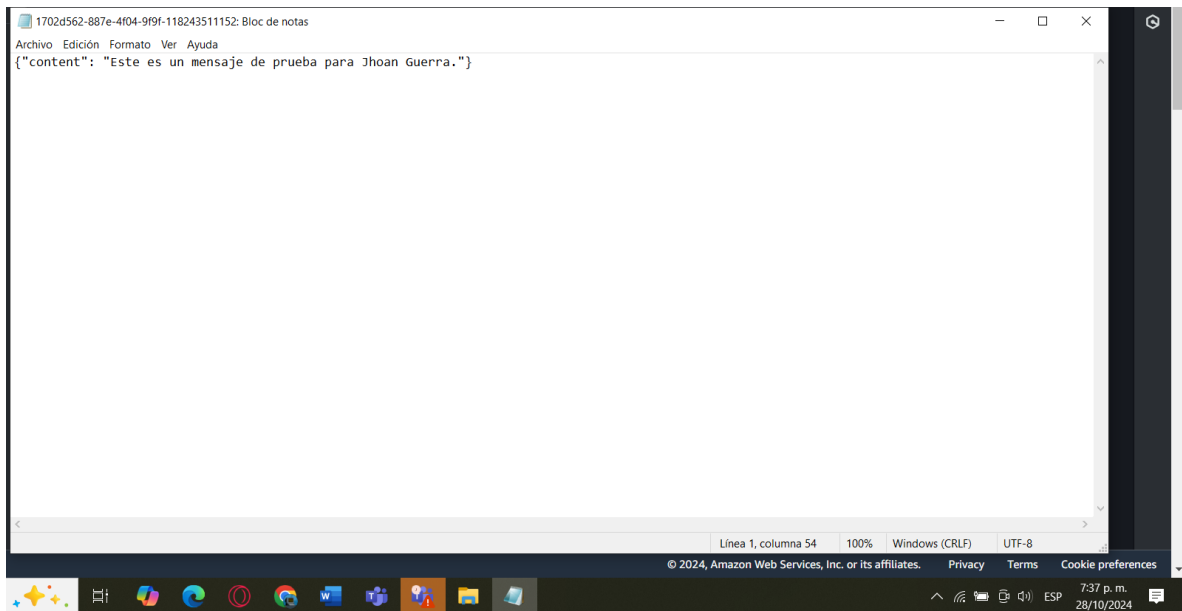
Function URL Info

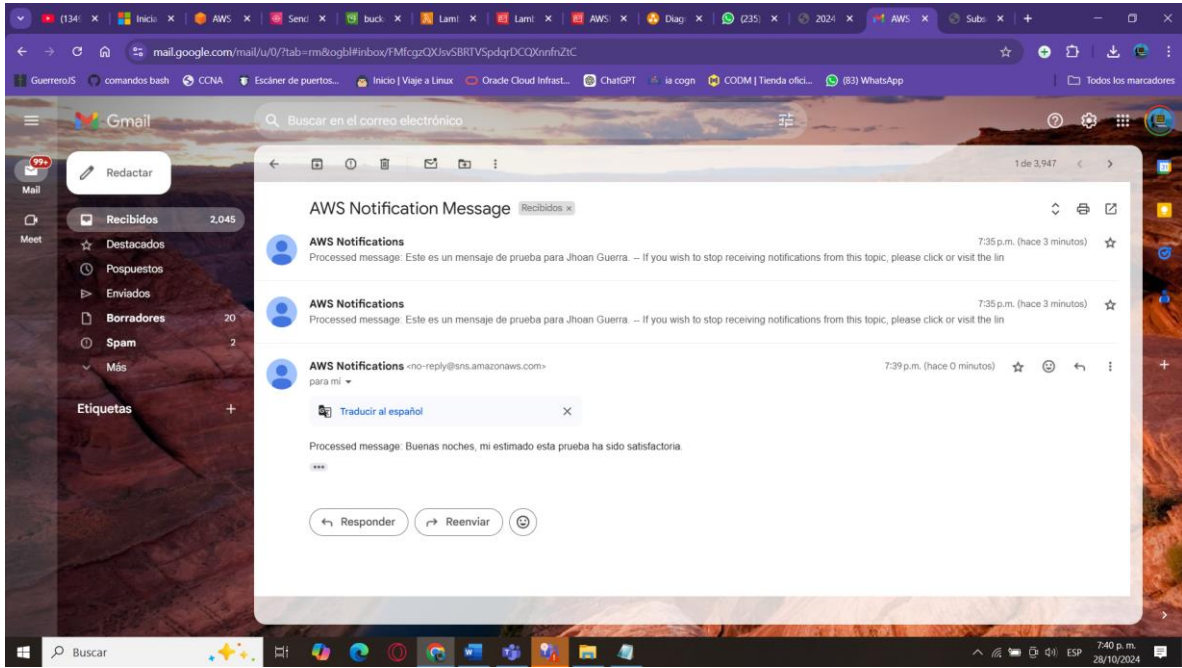
Export to Application Composer

Download

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- ☑ Successfully deleted bucket "bucket-lab-jhoan-guerra" ×
- ☑ Queue sqs-lab-jhoan-guerra has been deleted successfully. ×
- ☑ Topic ProcessingNotificationTopicJhoanGuerra deleted successfully. ×
- ☑ Subscription deleted successfully. ×