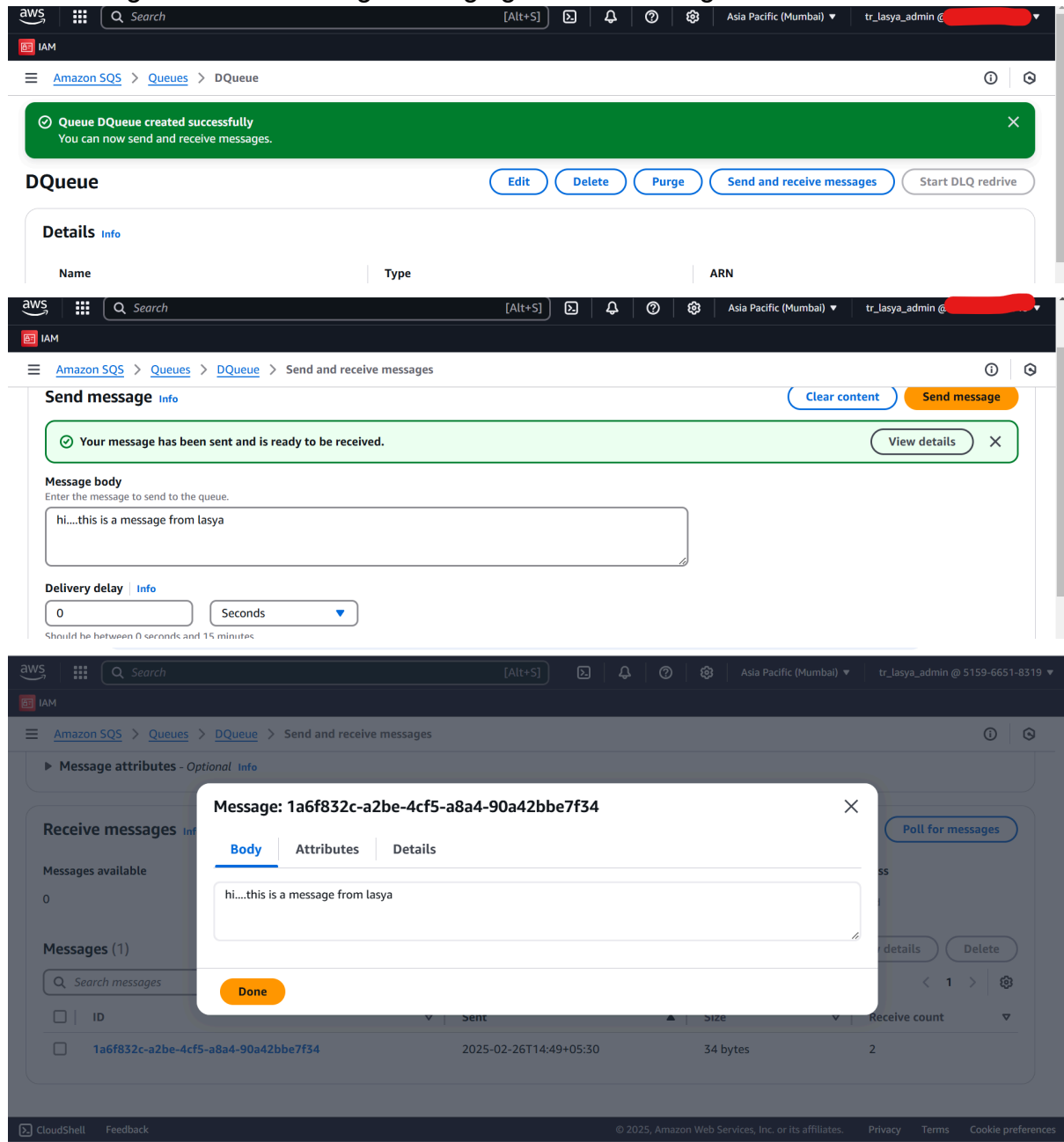


LAB ASSIGNMENTS 3: SQS and SNS

1: Creating SQS and creating messaging and consuming form UI



2: We will create a message and access from the code

3: We will do post request to send an message and message would be used by the consumers

Note: Delete SQS after demo And delete access key and secrete key

HTTP <http://localhost:8080/publish/hi from sreya> Save Share

POST <http://localhost:8080/publish/hi from sreya> Send

Params Authorization Headers (7) Body Scripts Settings Cookies

Query Params

	Key	Value	Description	...	Bulk Edit
	Key	Value	Description		

Body Cookies Headers (5) Test Results 200 OK • 310 ms • 181 B • 🌐 ...

Raw Preview Visualize 🔍 📄 🔗

1 Message Published

```
Run SqsExamplesApplication x
```

```
↑ 2025-02-26T15:02:57.556+05:30 INFO 36528 --- [main] c.sqs.exa
↓ Message received:hi....this is a message from lasya
↻ 2025-02-26T15:03:37.730+05:30 INFO 36528 --- [nio-8080-exec-3] o.a.c.c.C
↻ 2025-02-26T15:03:37.730+05:30 INFO 36528 --- [nio-8080-exec-3] o.s.web.s
↻ 2025-02-26T15:03:37.730+05:30 INFO 36528 --- [nio-8080-exec-3] o.s.web.s
🖨 2025-02-26T15:03:37.745+05:30 WARN 36528 --- [nio-8080-exec-3] .w.s.m.s.
🗑 Message received:hi from sreya
```

What is SNS?

1: first create topic with some name

aws [Search] [Alt+S] Asia Pacific (Mumbai) tr_lasya_admin @ 5159-6651-8319

Amazon SNS > Topics > sns-assignment-lasya

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

Topic sns-assignment-lasya created successfully.
You can create subscriptions and send messages to them from this topic. [Publish message] X

sns-assignment-lasya [Edit] [Delete] [Publish message]

Details

Name sns-assignment-lasya	Display name sns-assignment-lasya
ARN arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya	Topic owner 515966518319
Type Standard	

2: Create substription and provide email of the client

aws [Search] [Alt+S] Asia Pacific (Mumbai) tr_lasya_admin @ 5159-6651-8319

Amazon SNS > Subscriptions > Create subscription

Create subscription

Details

Topic ARN
arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya

Protocol
The type of endpoint to subscribe
Email

Endpoint
An email address that can receive notifications from Amazon SNS.
[Redacted]

After your subscription is created, you must confirm it. Info

sns-assignment-lasya <no-reply@sns.amazonaws.com> 15:11 (0 minutes ago) ☆ 😊
to me ▼

You have chosen to subscribe to the topic:
arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya

To confirm this subscription, click or visit the link below (If this was in error no action is necessary):
[Confirm subscription](#)

Please do not reply directly to this email. If you wish to remove yourself from receiving all future SNS subscription confirmation requests please send an email to [sns-opt-out](#)

← → ↺ sns.ap-south-1.amazonaws.com/confirmation.html?TopicArn=arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya&Token=2336412f37fb6...

aws Simple Notification Service

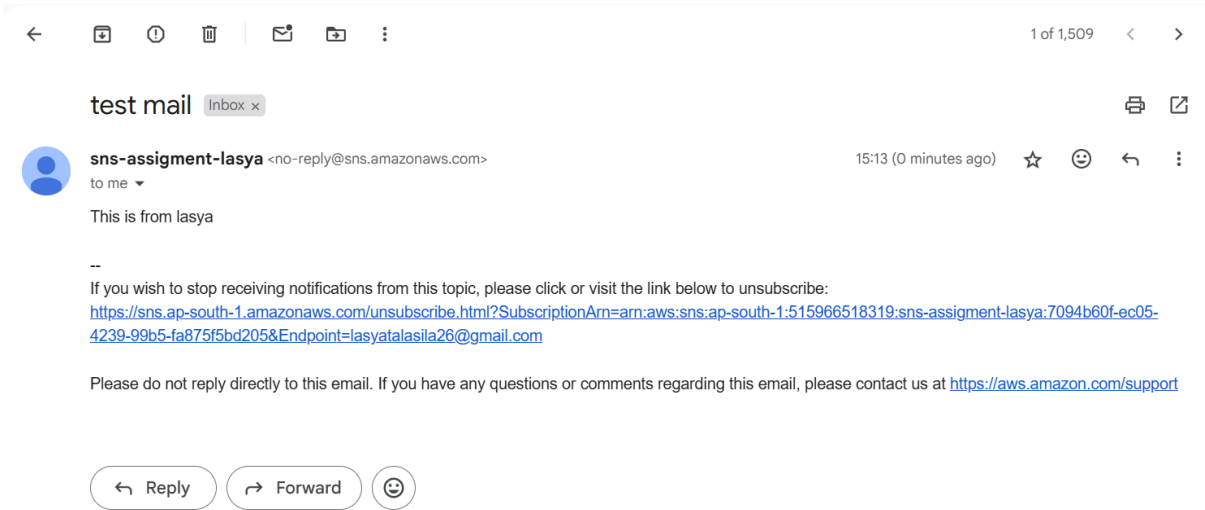
Subscription confirmed!

You have successfully subscribed.

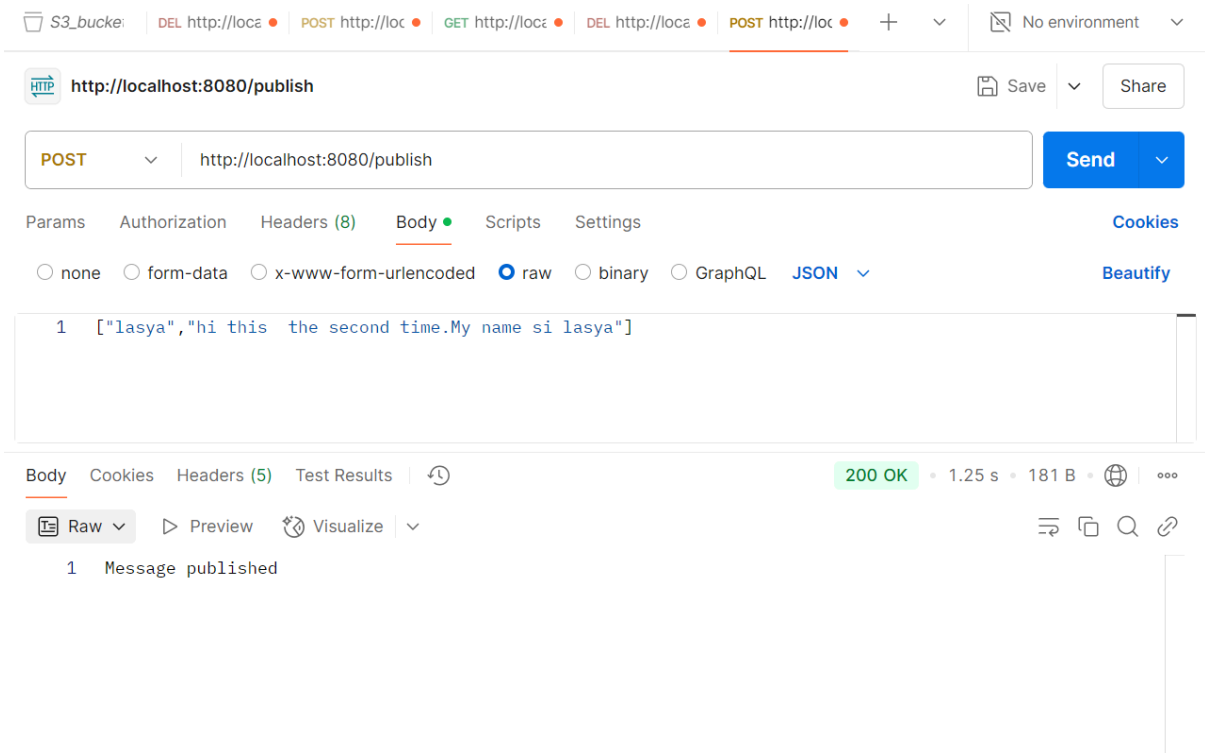
Your subscription's id is:
arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya:7094b60f-ec05-4239-99b5-fa875f5bd205

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

3: Publish message it will be automatically received by the subscribers



4. Create Spring boot SNS application and Run the application and observe message is send to all subscribers



Search mail



1 of 1,510



lasya

Inbox x



sns-assignment-lasya <no-reply@sns.amazonaws.com>

15:23 (0 minutes ago)



to me ▾

hi this the second time. My name si lasya

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

<https://sns.ap-south-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:ap-south-1:515966518319:sns-assignment-lasya:7094b60f-ec05-4239-99b5-fa875f5bd205&Endpoint=lasyatalasila26@gmail.com>

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

Reply

Forward

