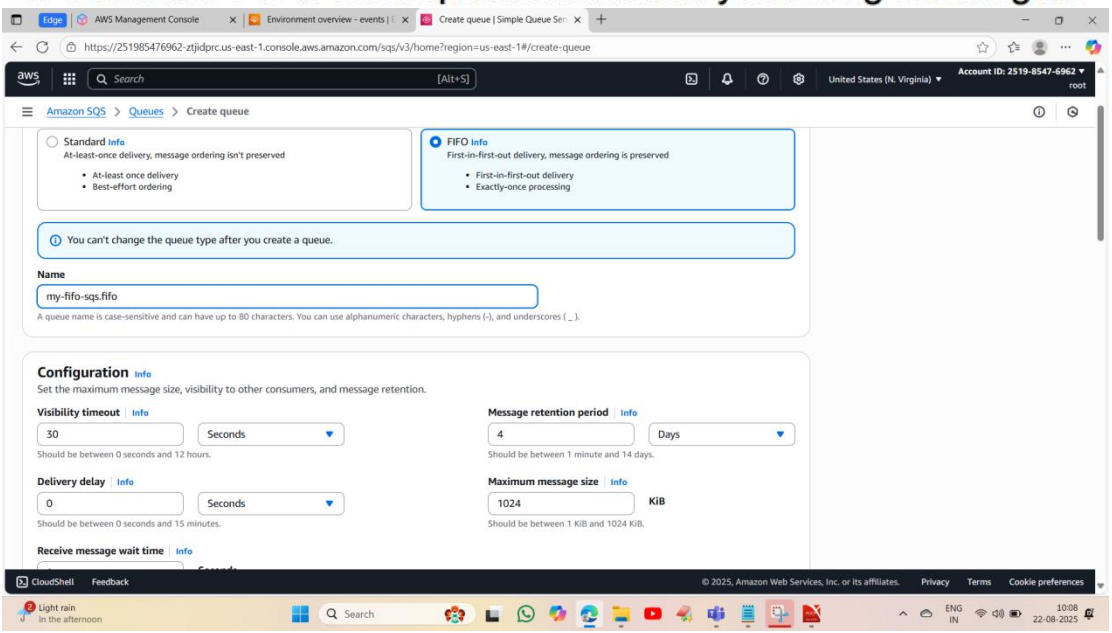
Problem Statement:

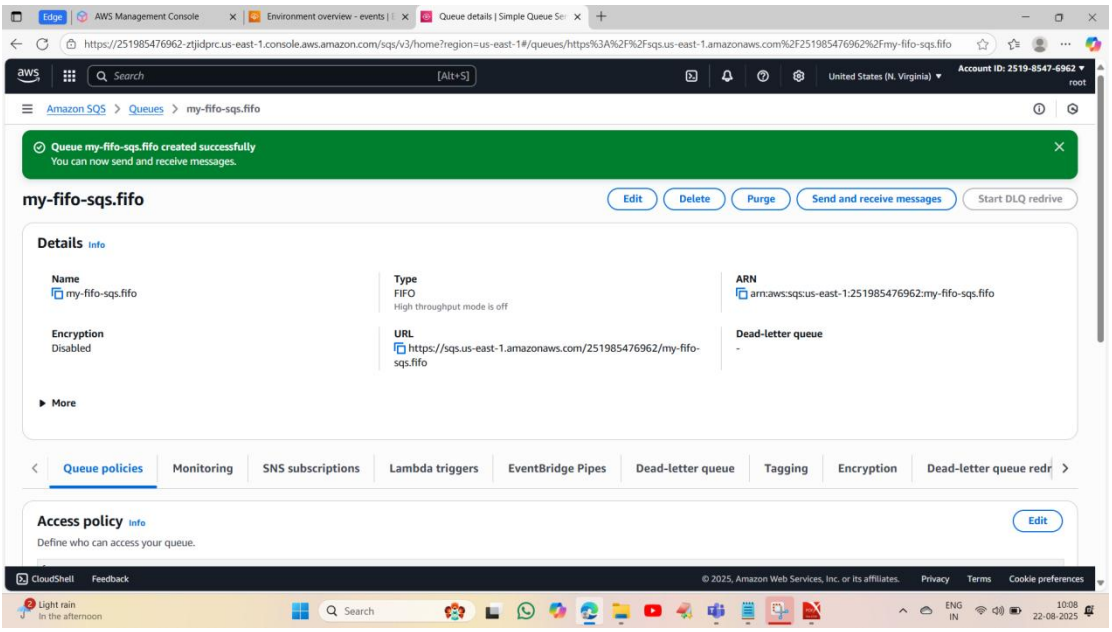
You work for XYZ Corporation. Your team is asked to deploy similar architecture multiple times for testing, development, and production purposes. Implement CloudFormation for the tasks assigned to you below.

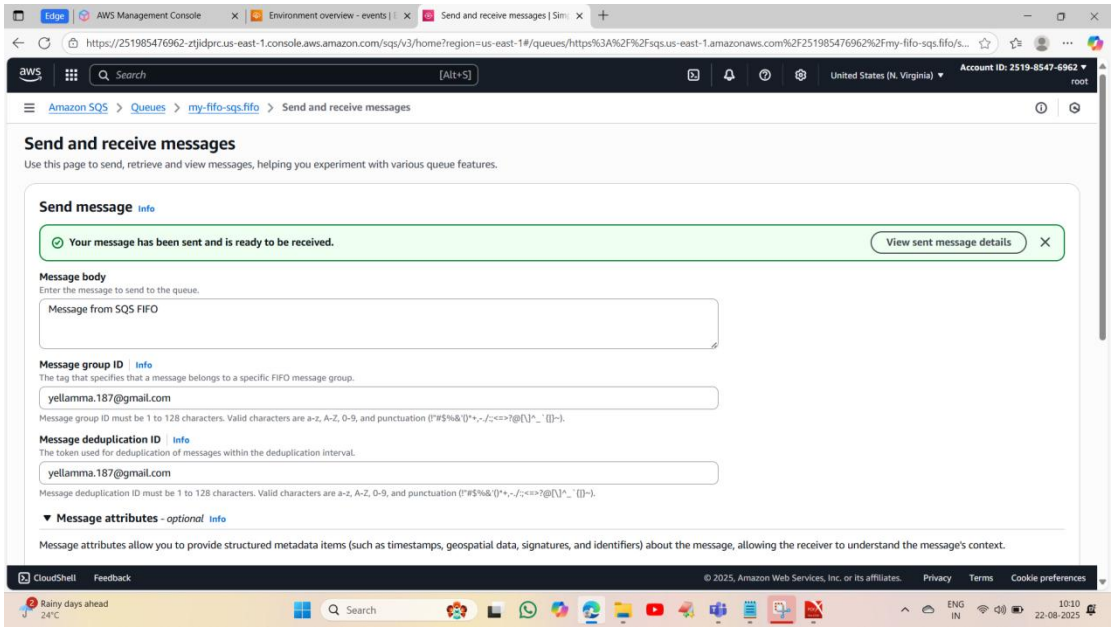
Tasks To Be Performed:

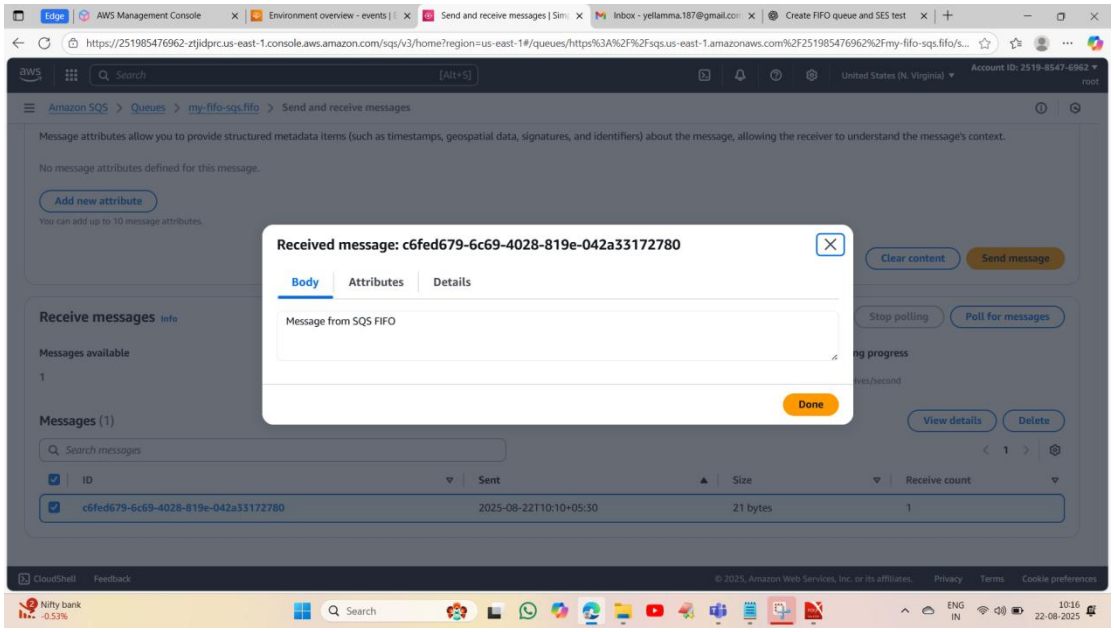
1. Create a FIFO SQS queue and test by sending messages.
2. Register your mail in SES and send a test mail to yourself.

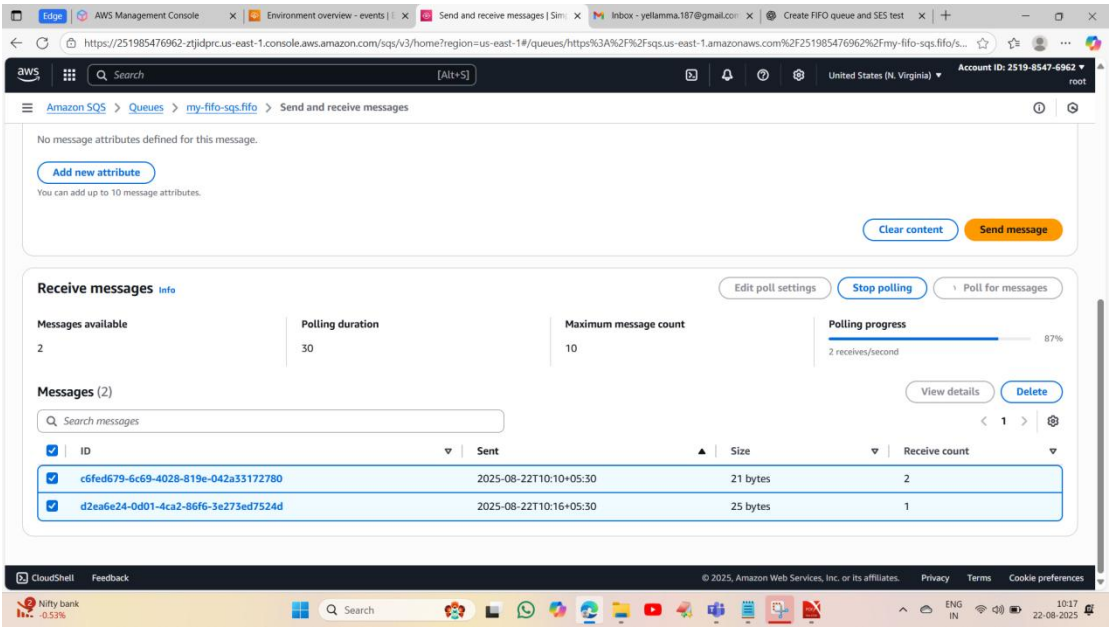
1. Create a FIFO SQS queue and test by sending messages.

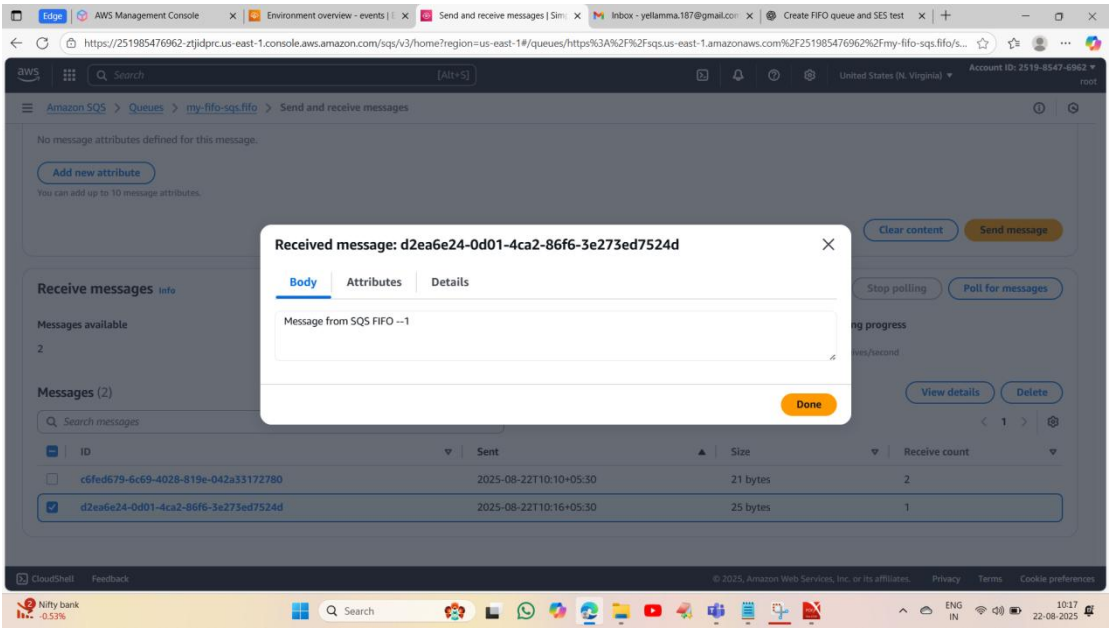




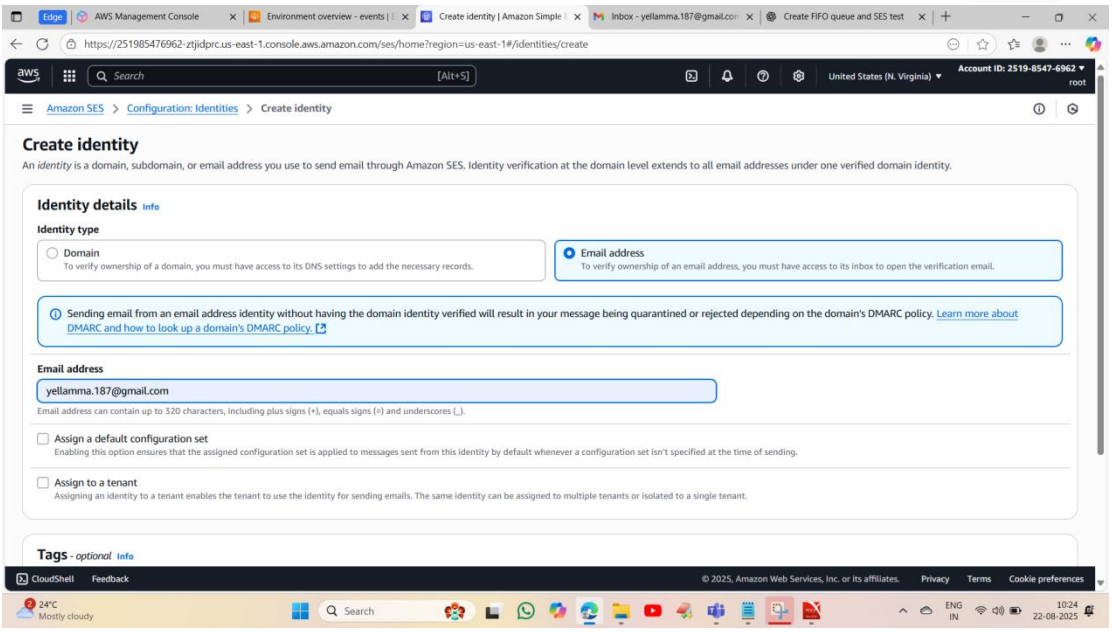

Edge | AWS Management Console | Environment overview - events | | Send and receive messages | Sim
https://251985476962-ztjidprc.us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F251985476962%2Fmy-fifo-sqs.fifo/s...
aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 2519-8547-6962
root
Amazon SQS > Queues > my-fifo-sqs.fifo > Send and receive messages
Send and receive messages
Use this page to send, retrieve and view messages, helping you experiment with various queue features.
Send message Info
Your message has been sent and is ready to be received.
View sent message details
Message body
Enter the message to send to the queue.
Message from SQS FIFO
Message group ID | Info
The tag that specifies that a message belongs to a specific FIFO message group.
yellamma.187@gmail.com
Message group ID must be 1 to 128 characters. Valid characters are a-z, A-Z, 0-9, and punctuation (!"#$%&'()*+,-./:;<=>?@[\]^_`{|}~).
Message deduplication ID | Info
The token used for deduplication of messages within the deduplication interval.
yellamma.187@gmail.com
Message deduplication ID must be 1 to 128 characters. Valid characters are a-z, A-Z, 0-9, and punctuation (!"#$%&'()*+,-./:;<=>?@[\]^_`{|}~).
Message attributes - optional Info
Message attributes allow you to provide structured metadata items (such as timestamps, geospatial data, signatures, and identifiers) about the message, allowing the receiver to understand the message's context.
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Rainy days ahead
24°C
Search
ENG
IN
10:10
22-08-2025

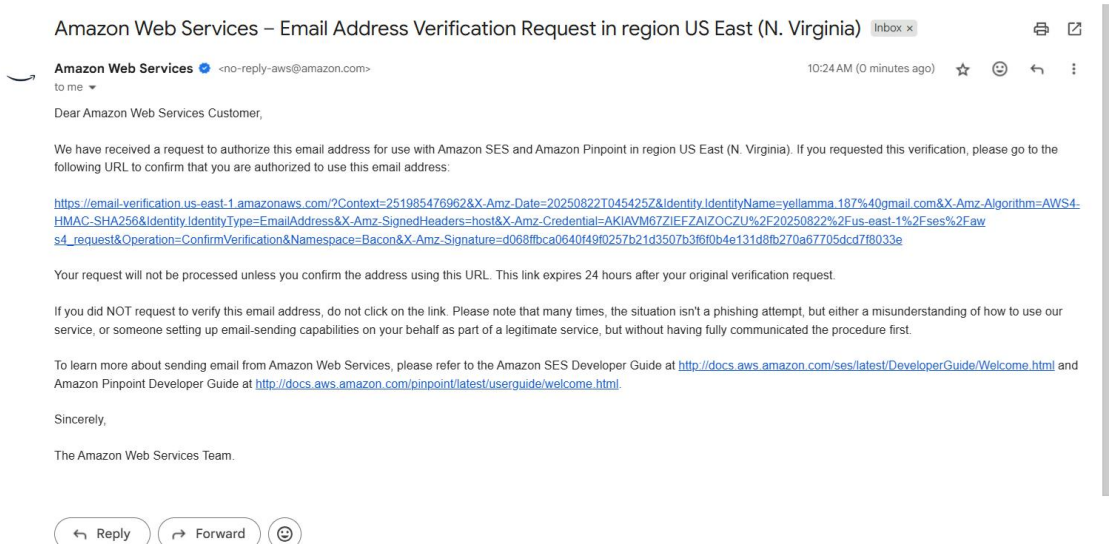

Edge | AWS Management Console | Environment overview - events | | Send and receive messages | Sim | Inbox - yellamma.187@gmail.com | Create FIFO queue and SES test
https://251985476962-ztjidprc.us-east-1.console.aws.amazon.com/sqs/v3/home?region=us-east-1#/queues/https%3A%2F%2Fsqs.us-east-1.amazonaws.com%2F251985476962%2Fmy-fifo-sqs.fifo/s...
Amazon SQS > Queues > my-fifo-sqs.fifo > Send and receive messages
Message attributes allow you to provide structured metadata items (such as timestamps, geospatial data, signatures, and identifiers) about the message, allowing the receiver to understand the message's context.
No message attributes defined for this message.
Add new attribute
You can add up to 10 message attributes.
Clear content
Send message
Receive messages Info
Stop polling
Poll for messages
Messages available
1
Messages (1)
View details
Delete
Search messages
ID
Sent
Size
Receive count
c6fed679-6c69-4028-819e-042a33172780
2025-08-22T10:10+05:30
21 bytes
1
Received message: c6fed679-6c69-4028-819e-042a33172780
Body
Attributes
Details
Message from SQS FIFO
Done
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
Nifty bank
-0.53%
Search
ENG
IN
10:16
22-08-2025


Amazon SQS > Queues > my-fifo-sqs.fifo > Send and receive messages
No message attributes defined for this message.
Add new attribute
You can add up to 10 message attributes.
Clear content
Send message
Receive messages Info
Edit poll settings
Stop polling
Poll for messages
Messages available
2
Polling duration
30
Maximum message count
10
Polling progress
87%
2 receives/second
Messages (2)
View details
Delete
Search messages
ID
Sent
Size
Receive count
c6fed679-6c69-4028-819e-042a33172780
2025-08-22T10:10+05:30
21 bytes
2
d2ea6e24-0d01-4ca2-86f6-3e273ed7524d
2025-08-22T10:16+05:30
25 bytes
1
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences


Received message: d2ea6e24-0d01-4ca2-86f6-3e273ed7524d
Body
Attributes
Details
Message from SQS FIFO --1
Done

2. Register your mail in SES and send a test mail to yourself.





Amazon Web Services – Email Address Verification Request in region US East (N. Virginia) Inbox ×

Amazon Web Services <no-reply-aws@amazon.com> 10:24 AM (0 minutes ago)

to me

Dear Amazon Web Services Customer,

We have received a request to authorize this email address for use with Amazon SES and Amazon Pinpoint in region US East (N. Virginia). If you requested this verification, please go to the following URL to confirm that you are authorized to use this email address:

https://email-verification.us-east-1.amazonaws.com/?Context=251985476962&X-Amz-Date=20250822T045425Z&Identity.IdentityName=yellamma.187%40gmail.com&X-Amz-Algorithm=AWS4-HMAC-SHA256&Identity.IdentityType=EmailAddress&X-Amz-SignedHeaders=host&X-Amz-Credential=AKIAVM67ZIEFZAIZOCZU%2F20250822%2Fus-east-1%2Fses%2Faws4_request&Operation=ConfirmVerification&Namespace=Bacon&X-Amz-Signature=d068ffbca0640f49f0257b21d3507b3f6f0b4e131d8fb270a67705dcd7f8033e

Your request will not be processed unless you confirm the address using this URL. This link expires 24 hours after your original verification request.

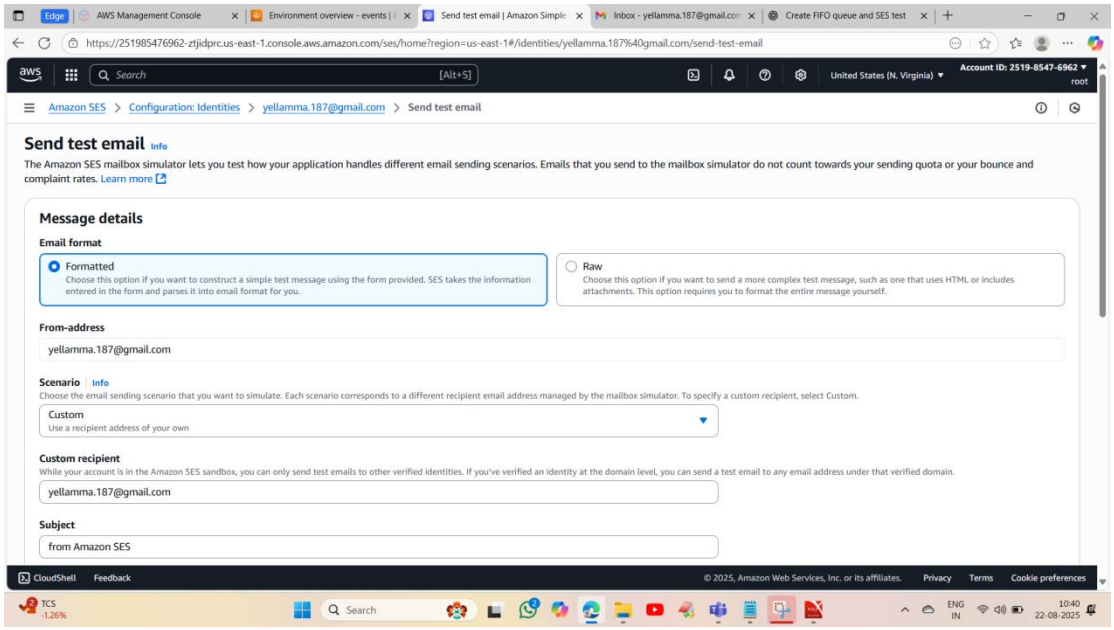
If you did NOT request to verify this email address, do not click on the link. Please note that many times, the situation isn't a phishing attempt, but either a misunderstanding of how to use our service, or someone setting up email-sending capabilities on your behalf as part of a legitimate service, but without having fully communicated the procedure first.

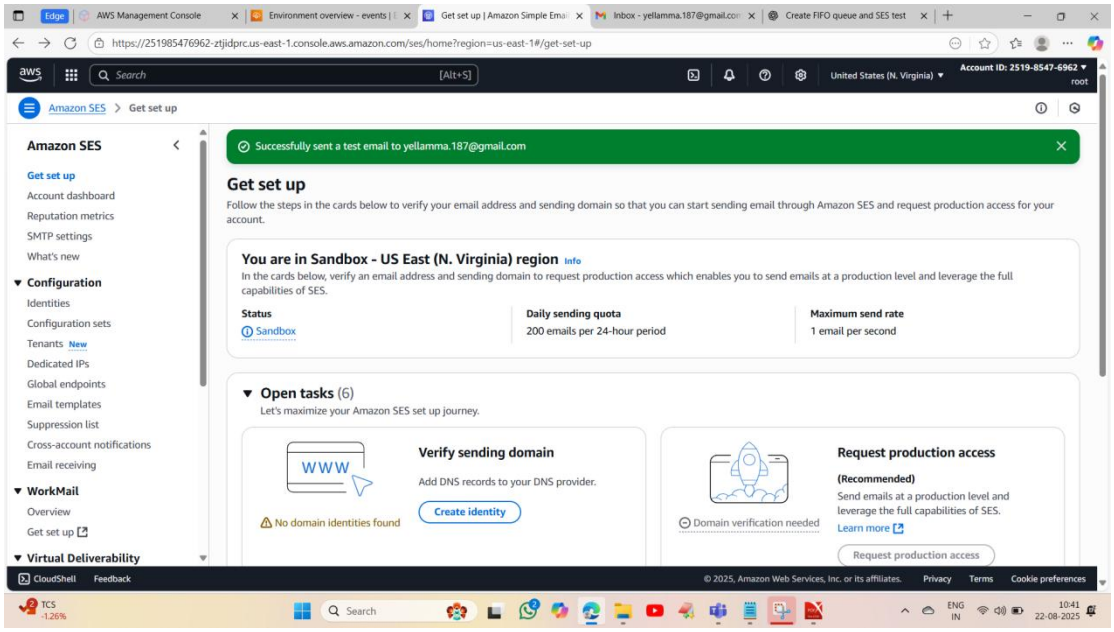
To learn more about sending email from Amazon Web Services, please refer to the Amazon SES Developer Guide at http://docs.aws.amazon.com/ses/latest/DeveloperGuide/Welcome.html and Amazon Pinpoint Developer Guide at http://docs.aws.amazon.com/pinpoint/latest/userguide/welcome.html.

Sincerely,

The Amazon Web Services Team.

Reply Forward


Amazon SES > Configuration: Identities > yellamma.187@gmail.com > Send test email
Send test email Info
The Amazon SES mailbox simulator lets you test how your application handles different email sending scenarios. Emails that you send to the mailbox simulator do not count towards your sending quota or your bounce and complaint rates. Learn more
Message details
Email format
Formatted
Choose this option if you want to construct a simple test message using the form provided. SES takes the information entered in the form and parses it into email format for you.
Raw
Choose this option if you want to send a more complex test message, such as one that uses HTML or includes attachments. This option requires you to format the entire message yourself.
From-address
yellamma.187@gmail.com
Scenario Info
Choose the email sending scenario that you want to simulate. Each scenario corresponds to a different recipient email address managed by the mailbox simulator. To specify a custom recipient, select Custom.
Custom
Use a recipient address of your own
Custom recipient
While your account is in the Amazon SES sandbox, you can only send test emails to other verified identities. If you've verified an identity at the domain level, you can send a test email to any email address under that verified domain.
yellamma.187@gmail.com
Subject
from Amazon SES


Amazon SES > Get set up
Successfully sent a test email to yellamma.187@gmail.com
Get set up
Follow the steps in the cards below to verify your email address and sending domain so that you can start sending email through Amazon SES and request production access for your account.
You are in Sandbox - US East (N. Virginia) region Info
In the cards below, verify an email address and sending domain to request production access which enables you to send emails at a production level and leverage the full capabilities of SES.
Status
Sandbox
Daily sending quota
200 emails per 24-hour period
Maximum send rate
1 email per second
Open tasks (6)
Let's maximize your Amazon SES set up journey.
Verify sending domain
Add DNS records to your DNS provider.
No domain identities found
Create identity
Request production access
(Recommended)
Send emails at a production level and leverage the full capabilities of SES.
Learn more
Domain verification needed
Request production access

Message from Amazon SES