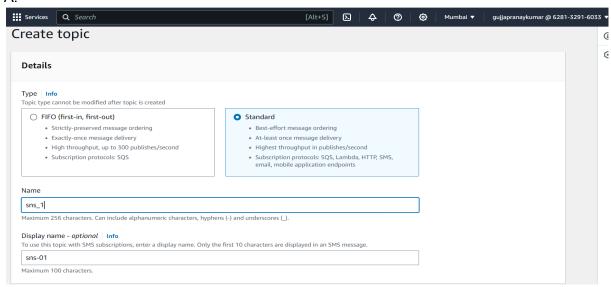
Amazon Message Platforms

Overview

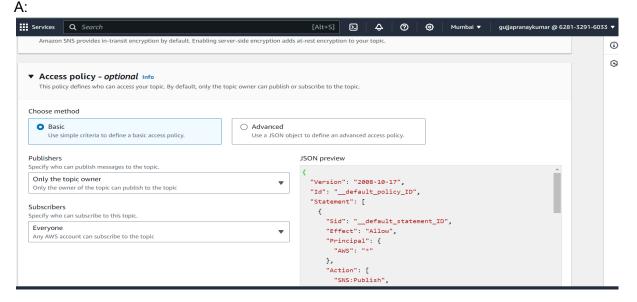
- Configure simple notification service(SNS)
- •Create a lambda function and subscribe to the sns topic
- •Configure simple queue service & Simple email service

Configure simple notification service(SNS)

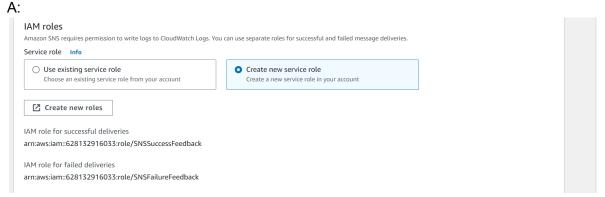
- 1. Navigate to SNS dashboard navigate to topic and click on create new topic
- 2. You can choose the type as standard
- 3. Provide the topic name, display name



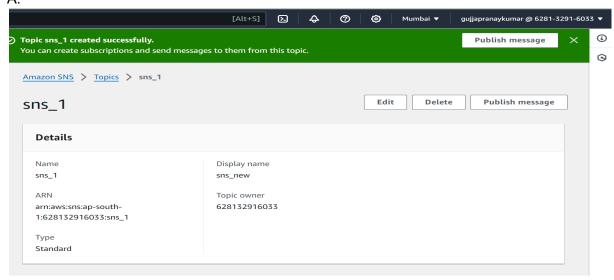
4. Navigate to Access policy Define who can publish messages to the topic -> Only the topic owner. Define who can subscribe to this topic -> Everyone



- 5. Navigate to IAM role, select create a new service role click Create new roles
- 6.Click on Allow and new service role will be created now



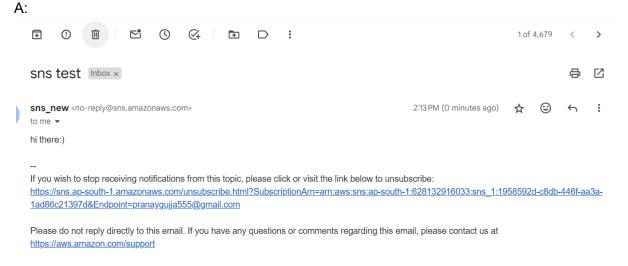
7.Click on create topic now and your sns topic should be created now



- 8. Navigate to subscriptions tab and click on create subscription(confirm through mail)
- 9.In the choose the topic from the dropdown, choose the protocol ex: email
- 10. Leave all others default, and then click on create subscription A·

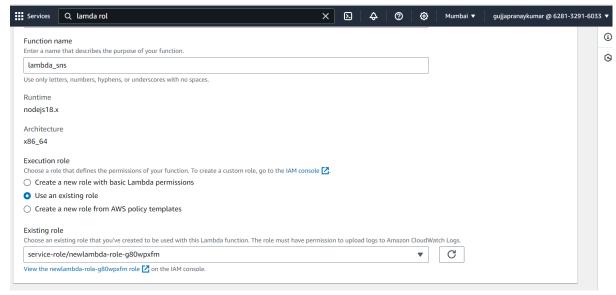
Services	Q Search	[Alt+S]	D	\$	0	0	Mumbai ▼	gujjapranaykumar @ 628	31-3291-6033
reate s	subscription								(
Details									
Topic ARN									
Q arn:aws	s:sns:ap-south-1:628132916033:sns_1				;	×			
Protocol The type of en	ndpoint to subscribe								
Email					•	•			
Endpoint An email addr	ress that can receive notifications from Amazon SNS.								
	a555@gmail.com								

- 11. Navigate to topics page, select the topic and then click public message
- 12. Provide the subject, provide the message body, and click on publish message
- 13. Verify you received the subscription mail

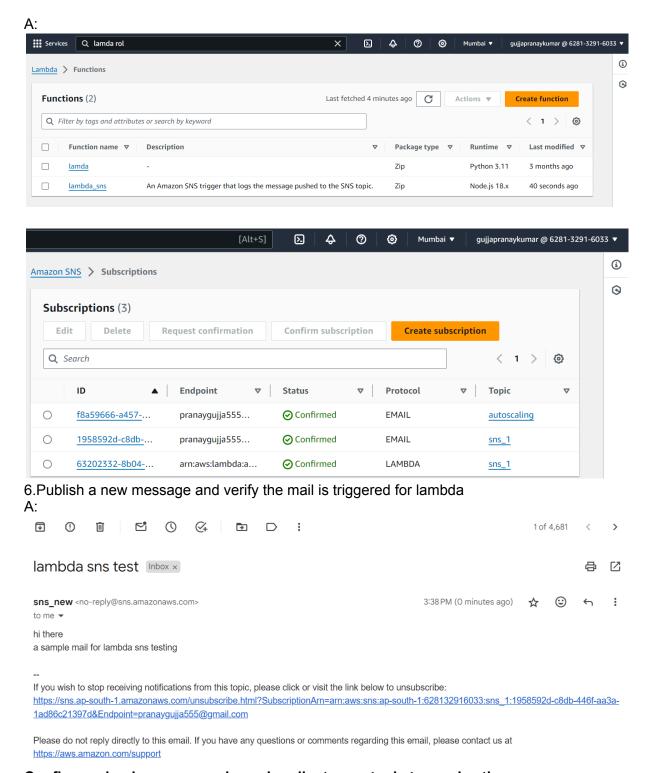


Create a lambda function and subscribe to the sns topic

- 1. Navigate to lambda services and navigate to the function -> create function
- 2. Select use a blueprint option, search for sns message using node.js
- 3. Provide the function name, select the existing lambda role you have created before A:

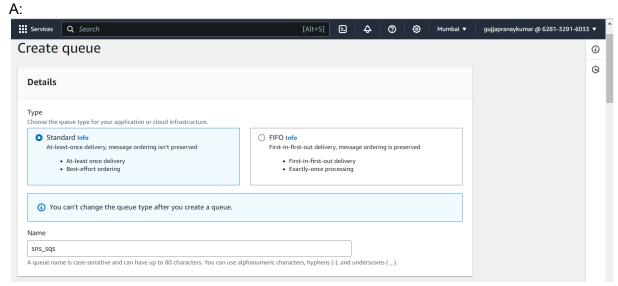


- 4. Choose the sns topic that you have created
- 5. Click on create function it will get created and verify the sns subscription page

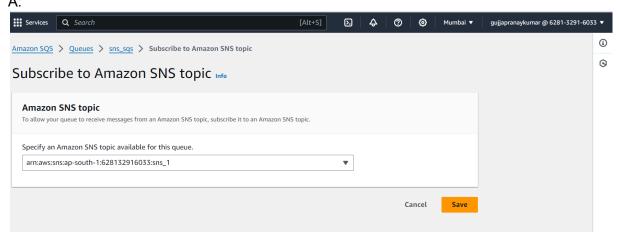


Configure simple queue service subscribe to sns topic to receive the message

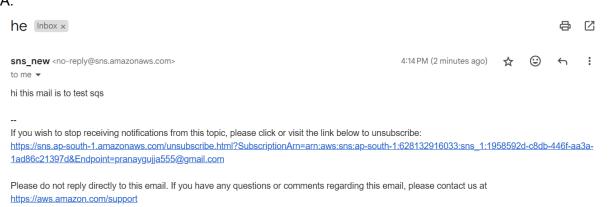
- 1. Navigate to sqs dashboard and click on create queue
- 2.Provide the queue name and leave all the configurations as default and proceed creation of sqs



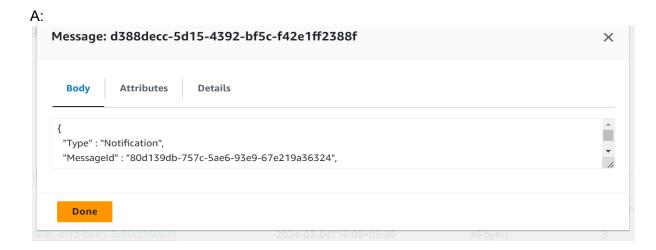
3. Now you can subscribe to Amazon SNS topic that you have created previously



- 4. Navigate to the sns topic to view the subscription
- 5. You can publish a message from SNS topic



6.Navigate to sqs -> queues -> send and receive messages and verify the message has been received . Click poll for messages and click on the message received



7. You can also send messages from queue and check the messages are updated on clicking poll for messages

A:

Message: 8d455c9e-569c-49f2-be45-5c8fa2260a27

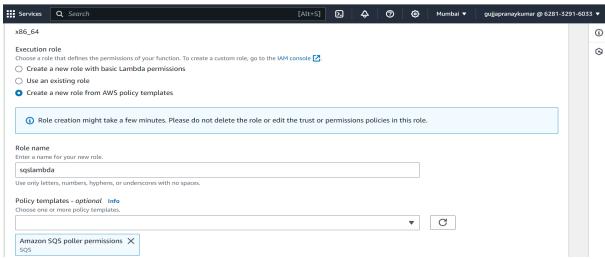
Body Attributes Details

hi this mail is for sqs configuration with sns

Create a lambda function and subscribe to sqs

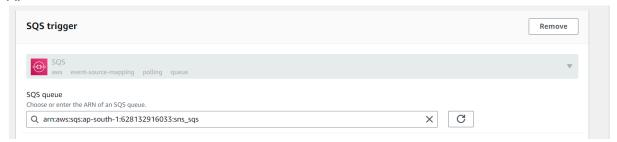
- 1. Navigate to lambda services and navigate to the function -> create function
- 2. Select use a blueprint option, search for sqs poller and click
- 3. Provide function name
- 4. Create a new role, provide the role name

A:

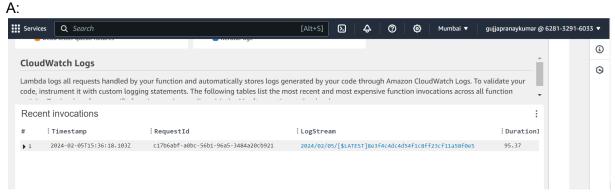


5. Select the sqs queue you have created , leave all other settings as default and create the function

A:



- 6. Now publish a sns message from the topic you have created
- 7. Now navigate to lambda functions open the sqs function you have created , navigate to monitor->logs->view logs in cloud watch



8. Click on the logs to view the message

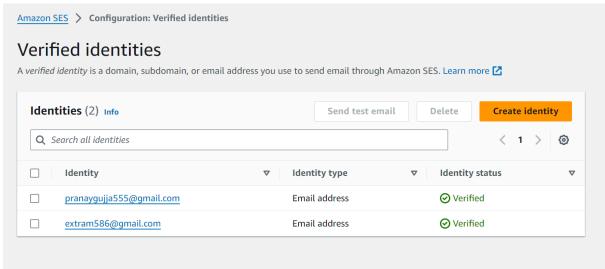
A:

•	2024-02-05T21:05:36.460+05:30	END RequestId: 09b2a23f-3341-54c4-894b-fc0431c9390b					
•	2024-02-05T21:05:36.460+05:30	REPORT RequestId: 09b2a23f-3341-54c4-894b-fc0431c9390b Duration: 1.68 ms Billed Durati					
•	2024-02-05T21:06:18.008+05:30	START RequestId: c17b6abf-a0bc-56b1-96a5-3484a20cb921 Version: \$LATEST					
•	2024-02-05T21:06:18.083+05:30	2024-02-05T15:36:18.083Z c17b6abf-a0bc-56b1-96a5-3484a20cb921 INFO SQS message 9e92460					
	2024-02-05T15:36:18.083Z						

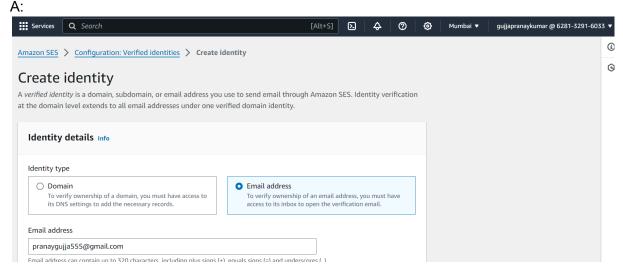
Steps to configure Simple email service

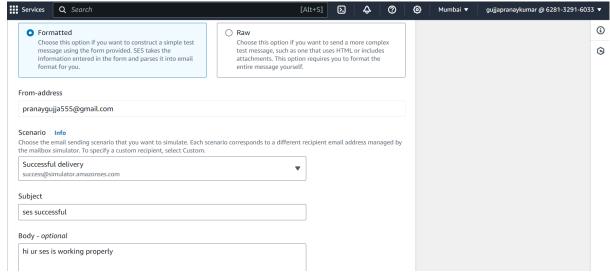
- 1. Navigate to SES dashboard, you need to create identity
- 2.Choose the identity type as Email address and provide the email id(To verify ownership of an email address, you must have access to its inbox to open the verification email.)
- 3Create the identity

A:



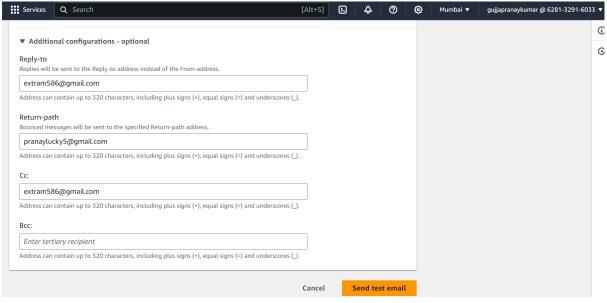
- 4. Click on the identity you have created, and click on send a test mail
- 5.Choose the scenario, subject , body





6.Expand additional configuration you can provide reply to address and cc if you wish to provide





7.Click on send test mail, you should receive a test mail in your inbox A:

