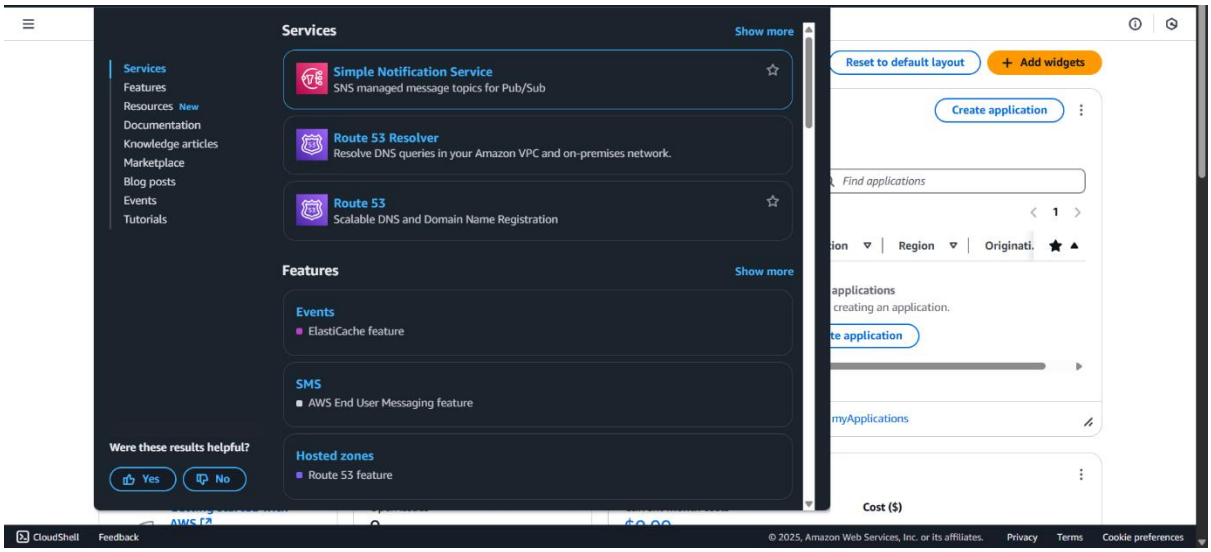
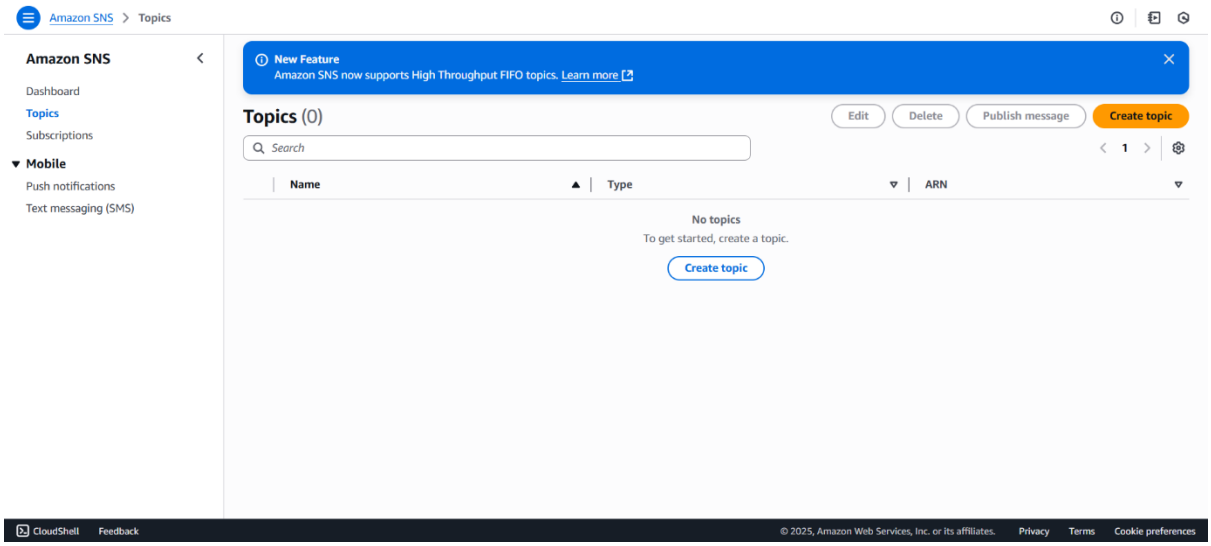
SNS – Simple Notification Service

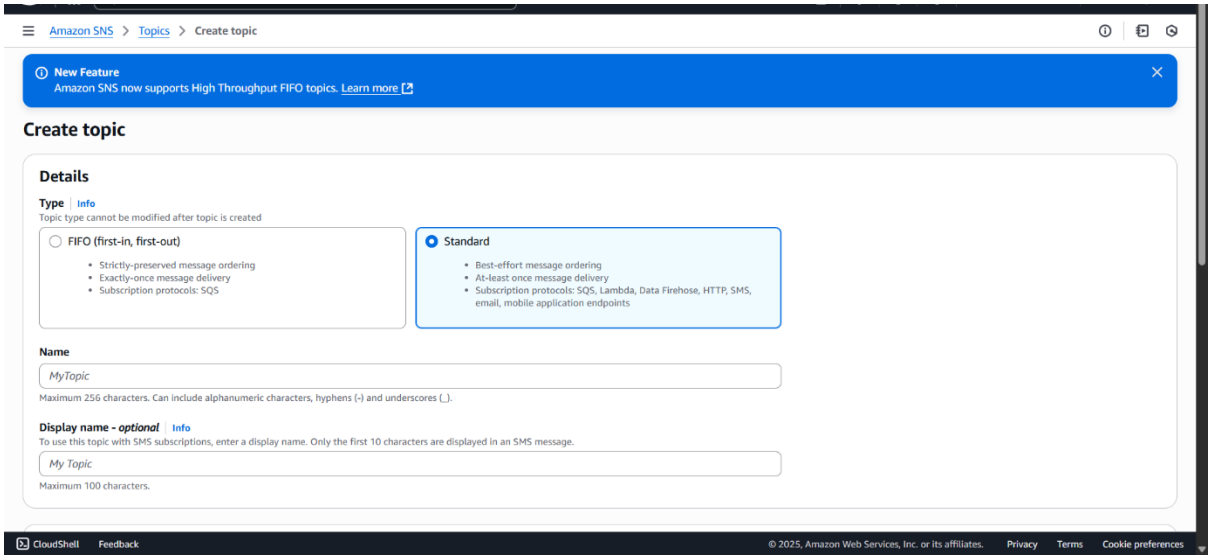
Go to the AWS dashboard and search for SNS



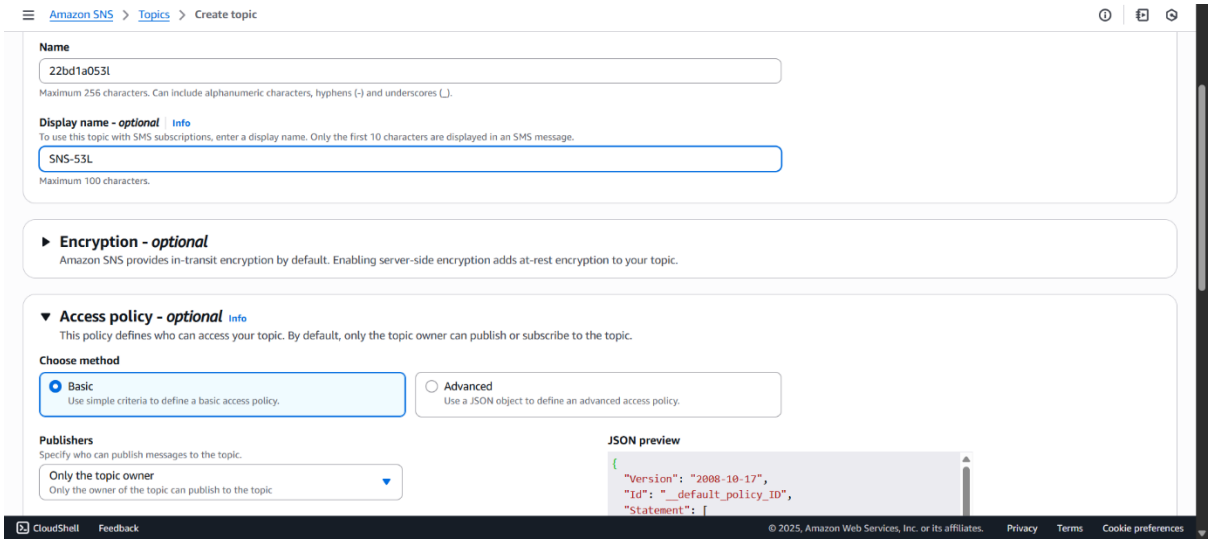
Then go to topics and click on create topic



Select the standard type and give a name to the topic

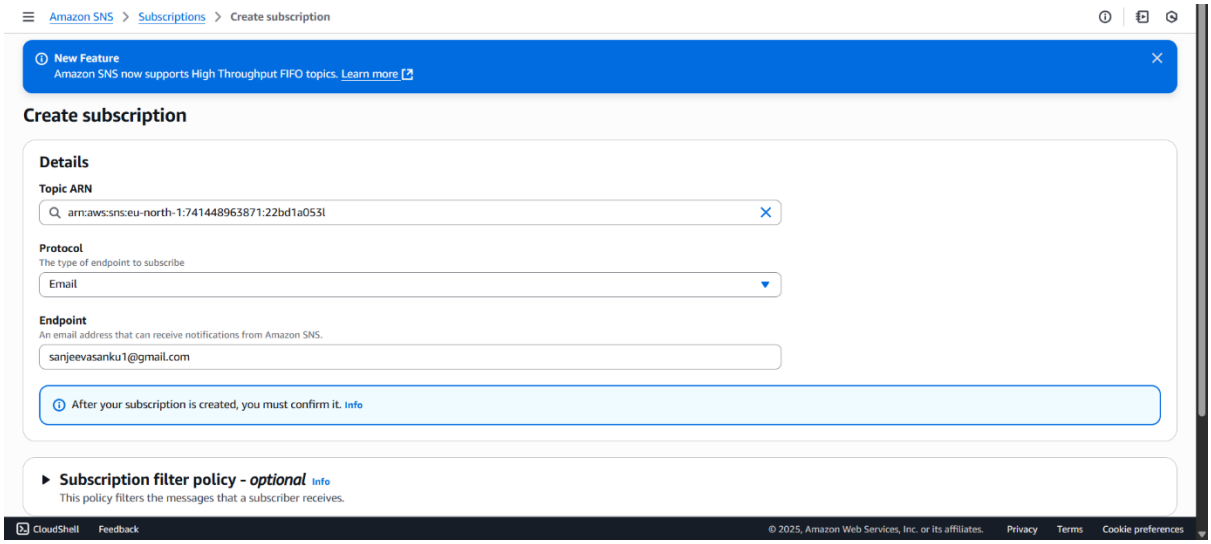


Give the display name and make sure that the access policy is basic only

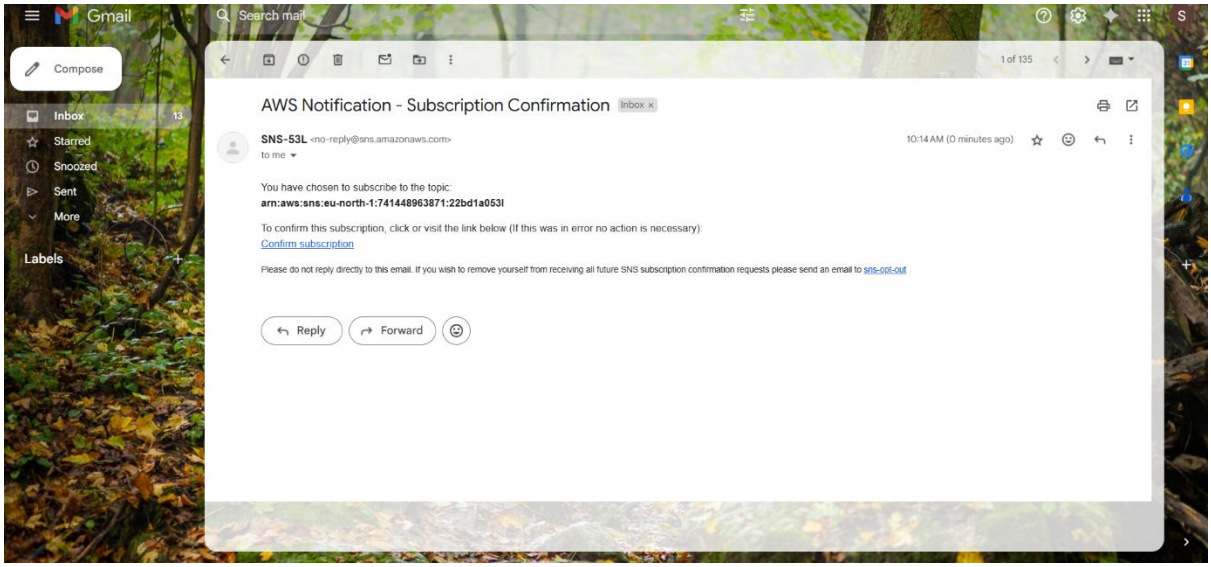


We have successfully created a topic

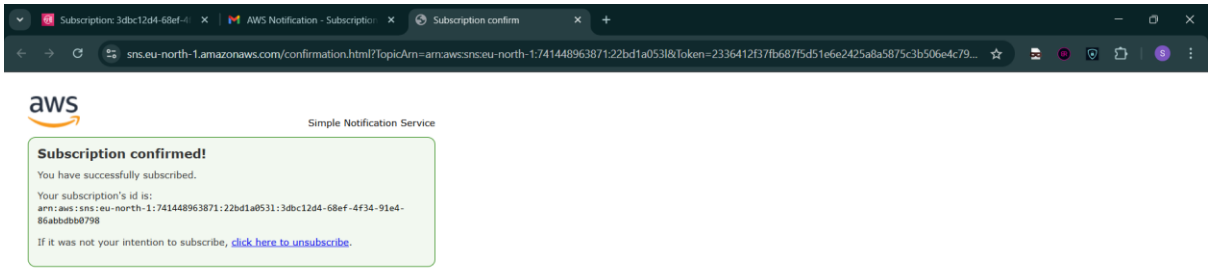
Create subscription and select the protocol as Email and give your mail id as endpoint.



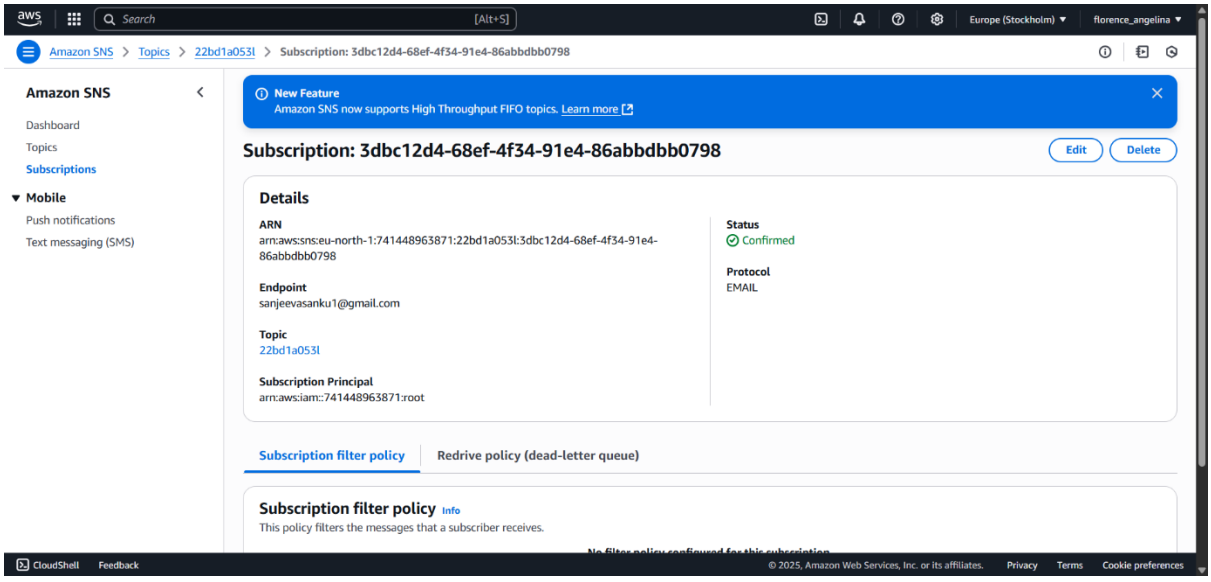
Confirm the subscription that comes to your mail.



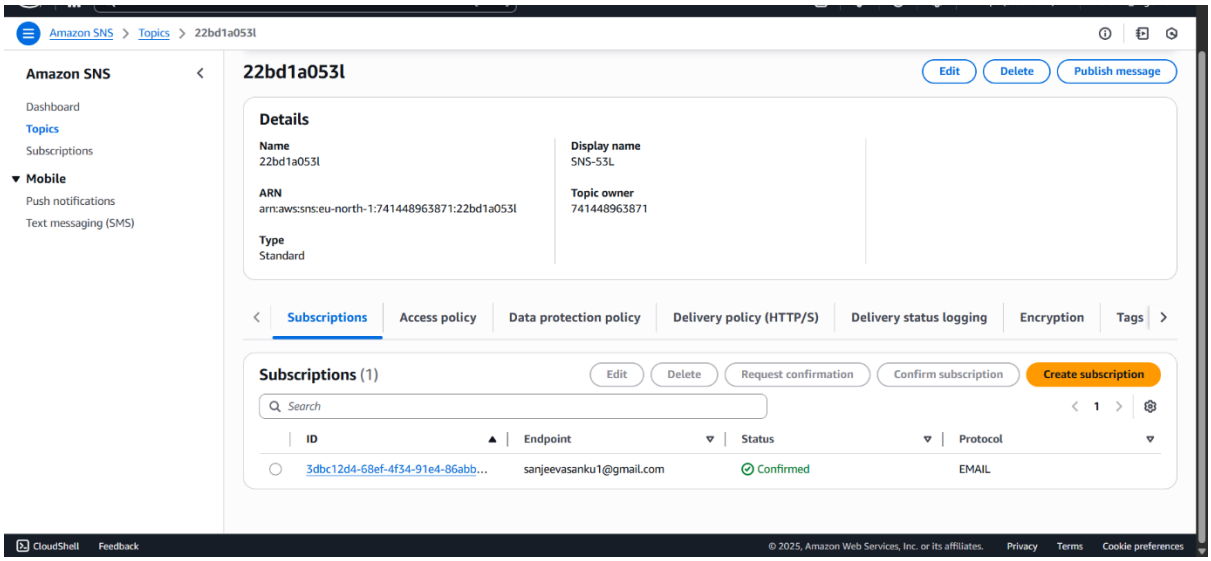
It will get redirected to confirmation page and we are also given an option to unsubscribe.



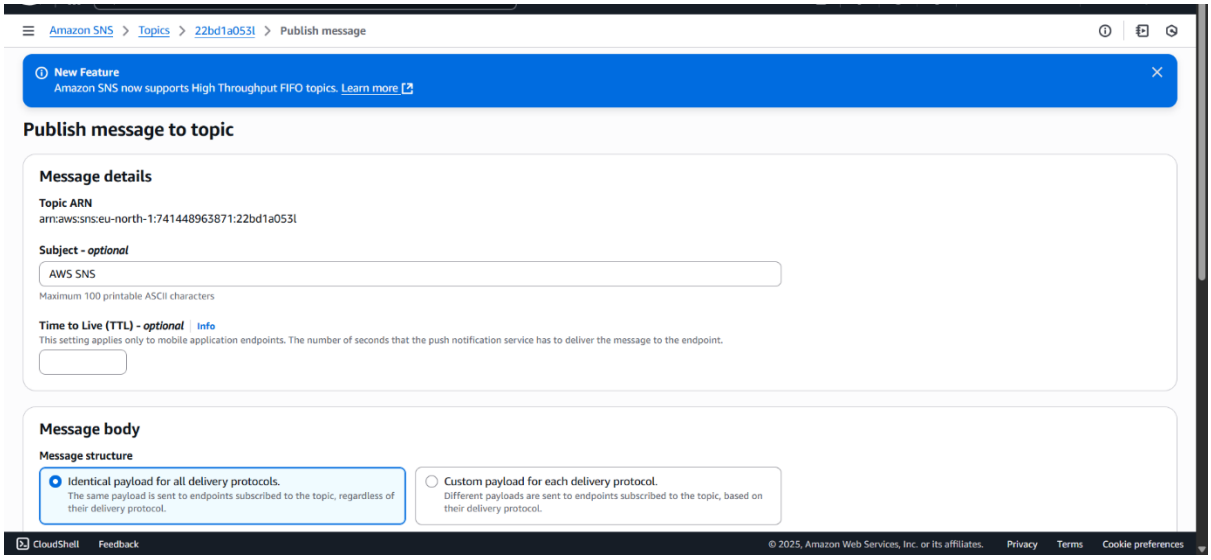
Subscription is also created successfully.



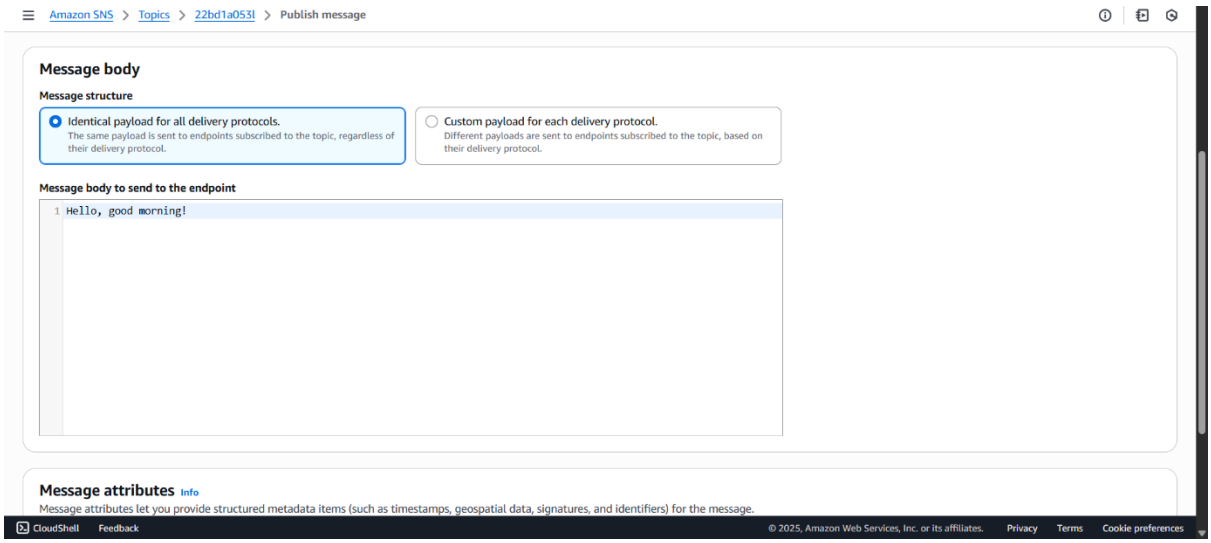
We can see the confirmed status for the subscription.



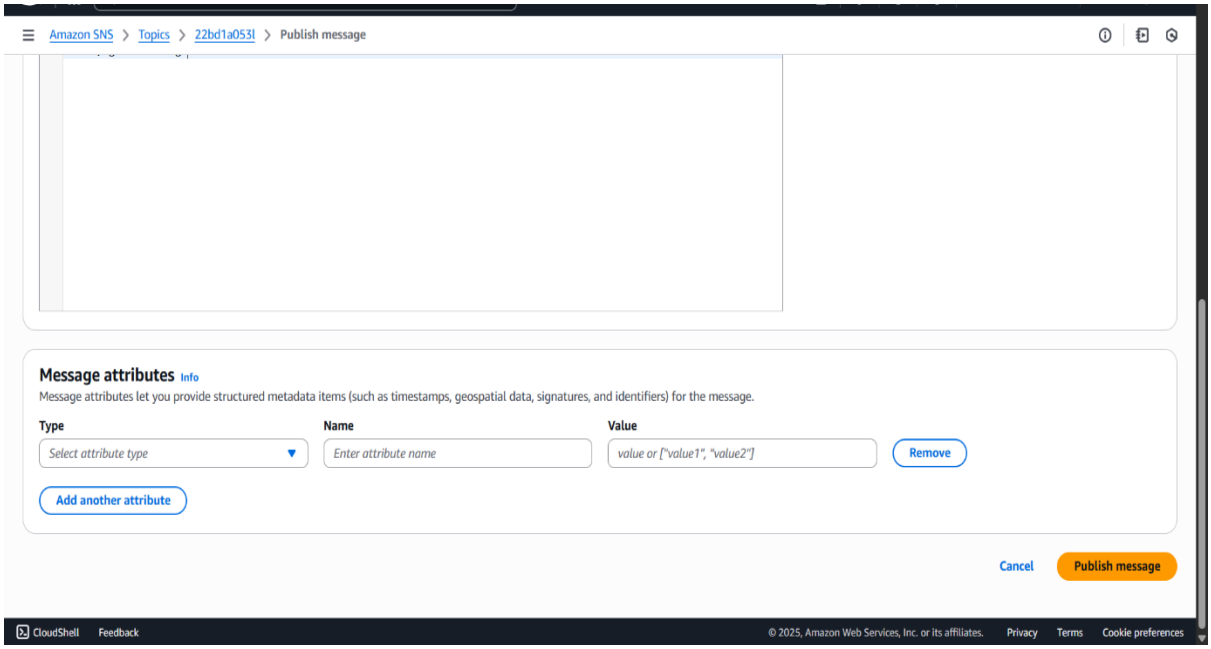
Now to publish a message click on publish message and give the subject for that message



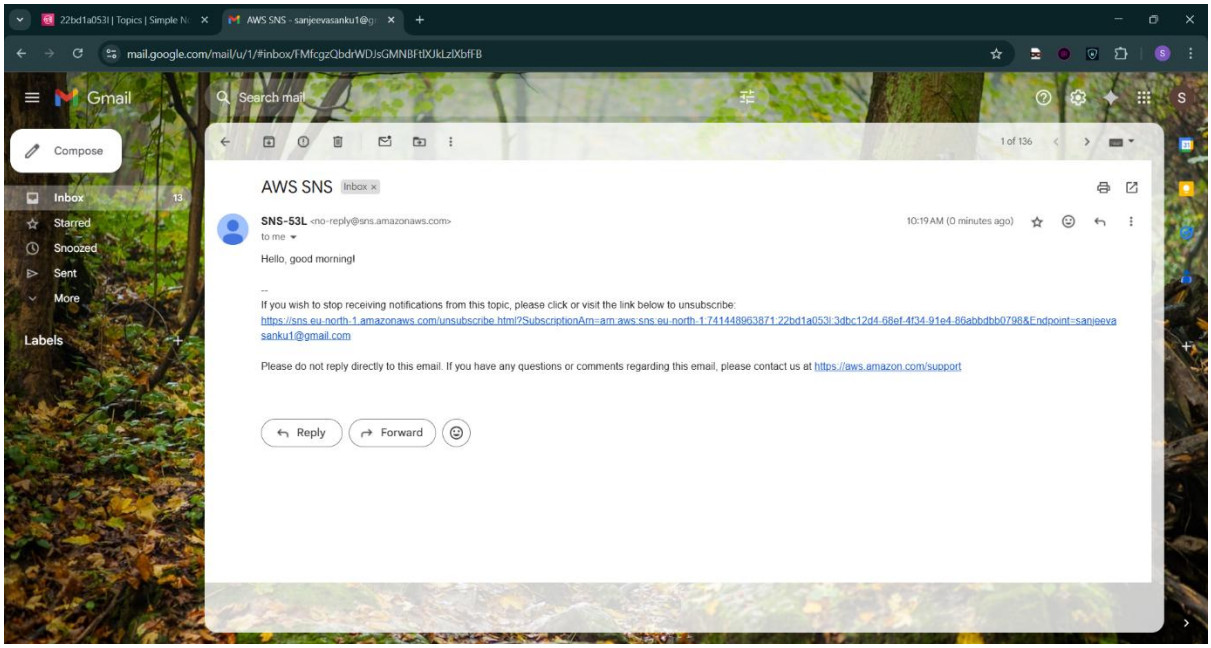
Give the message body that has to be sent to the endpoint.



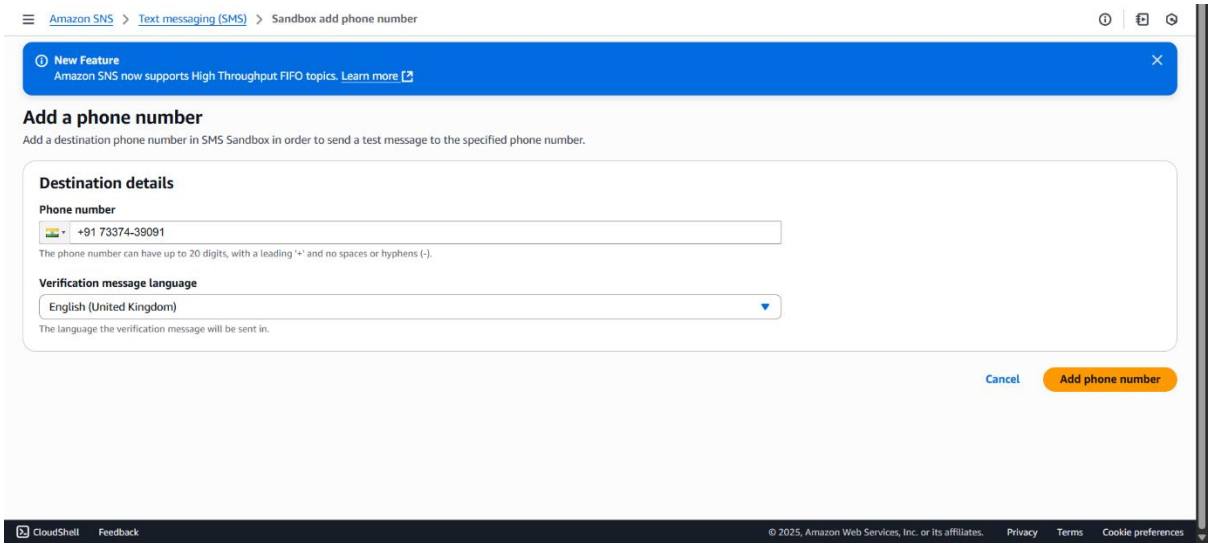
Click on publish message.



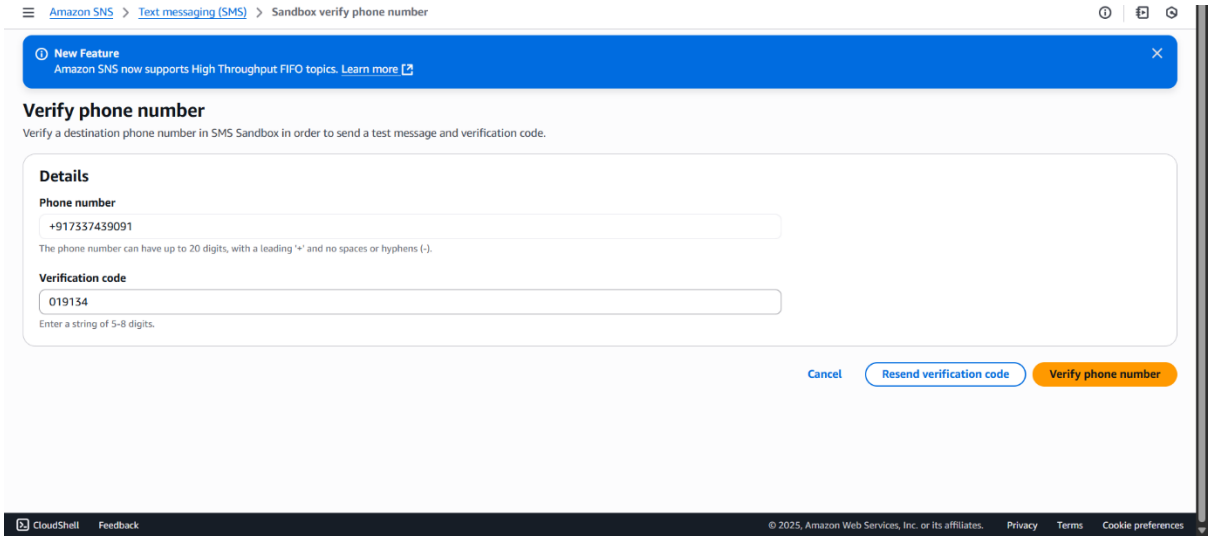
We can see the mail that came with the message we wrote.



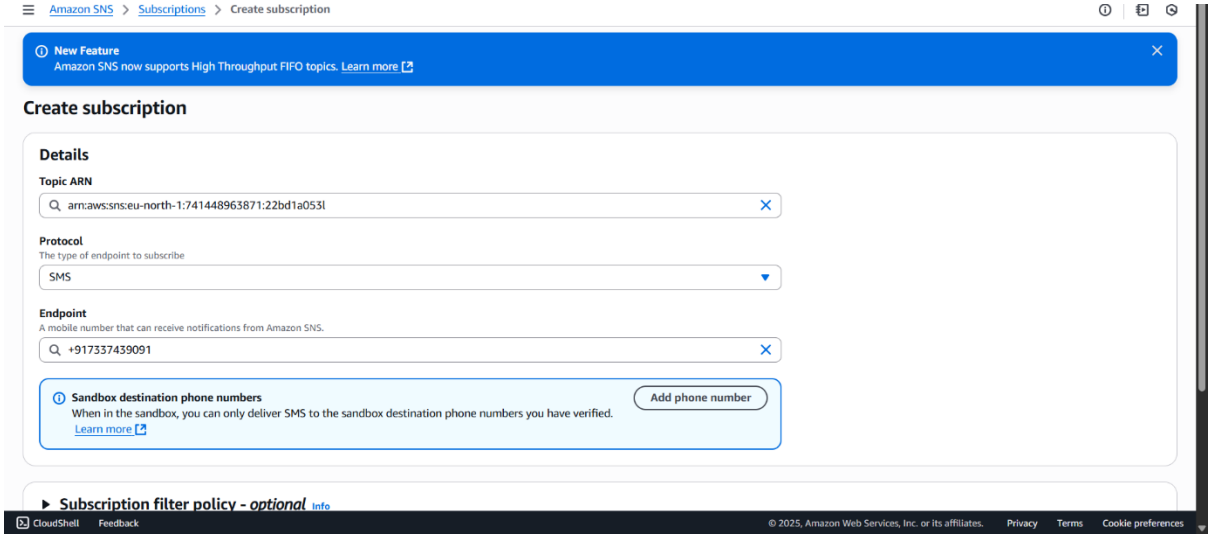
To publish a message to phone number create a subscription select the protocol as SMS and then add the phone number.



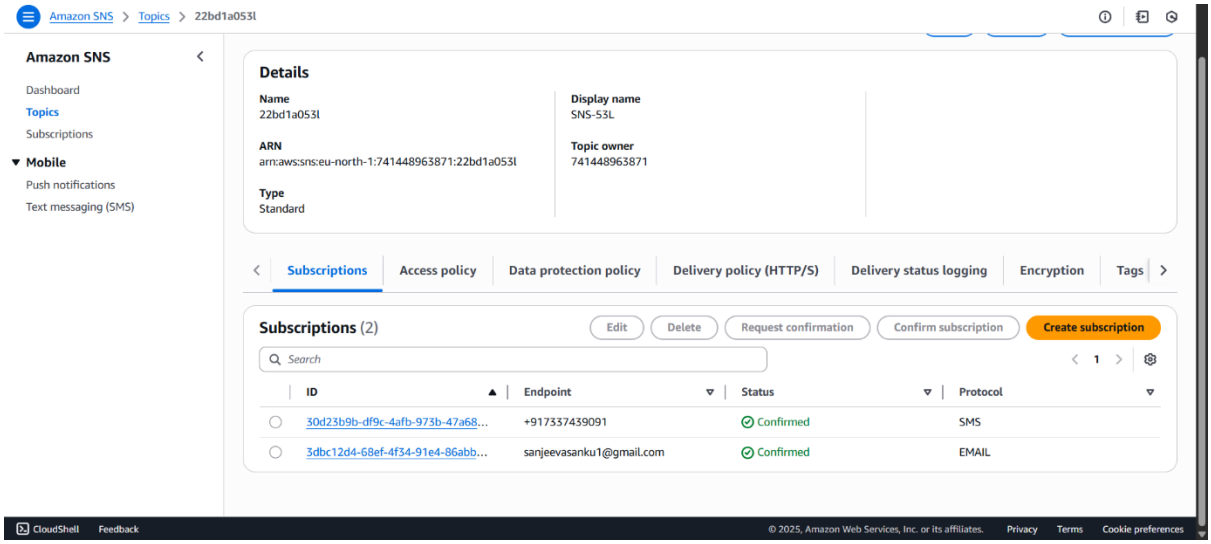
Enter the verification code and verify the number.



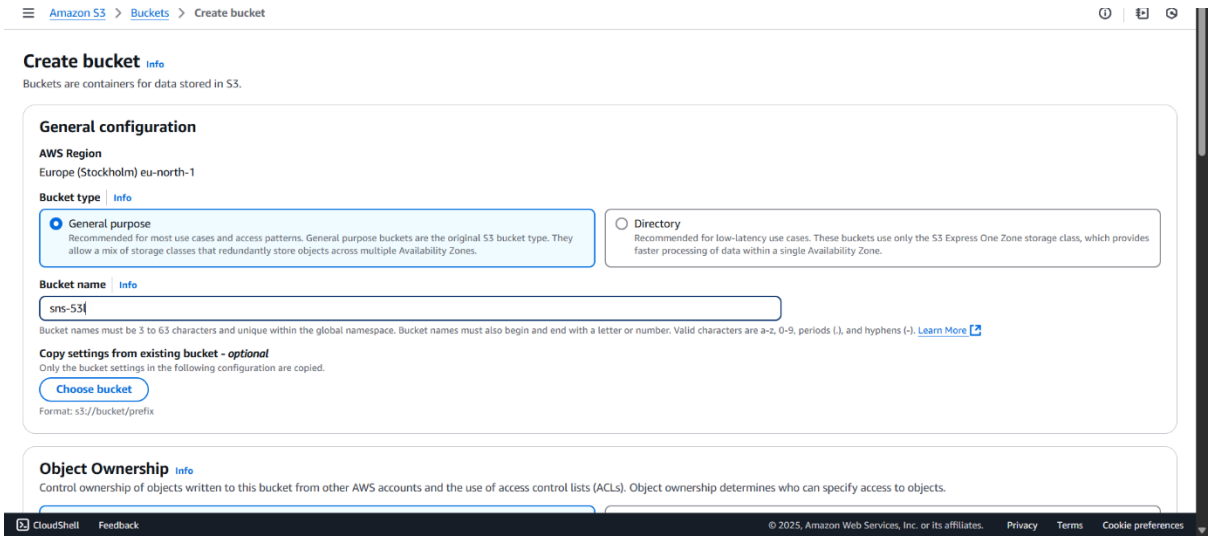
Then create the subscription.



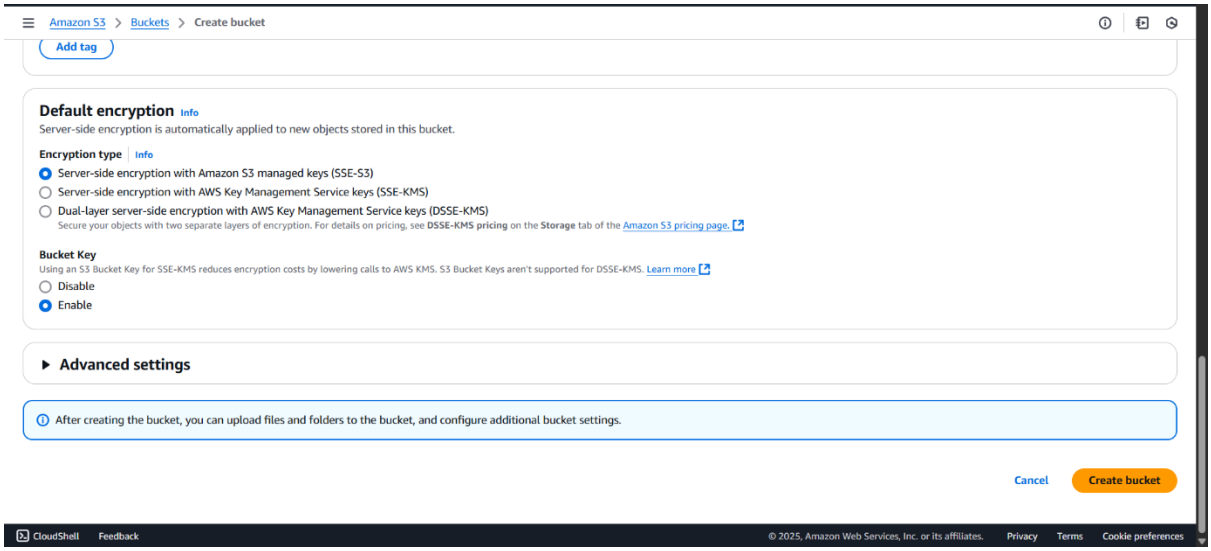
We have two subscriptions one for mail and one for SMS.



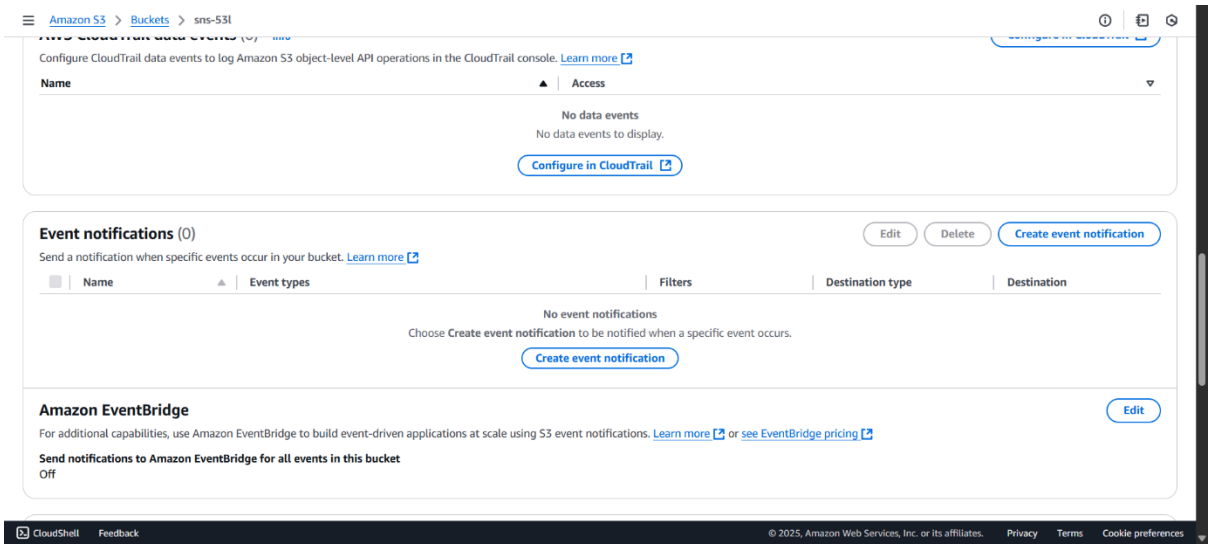
Create a general purpose bucket.



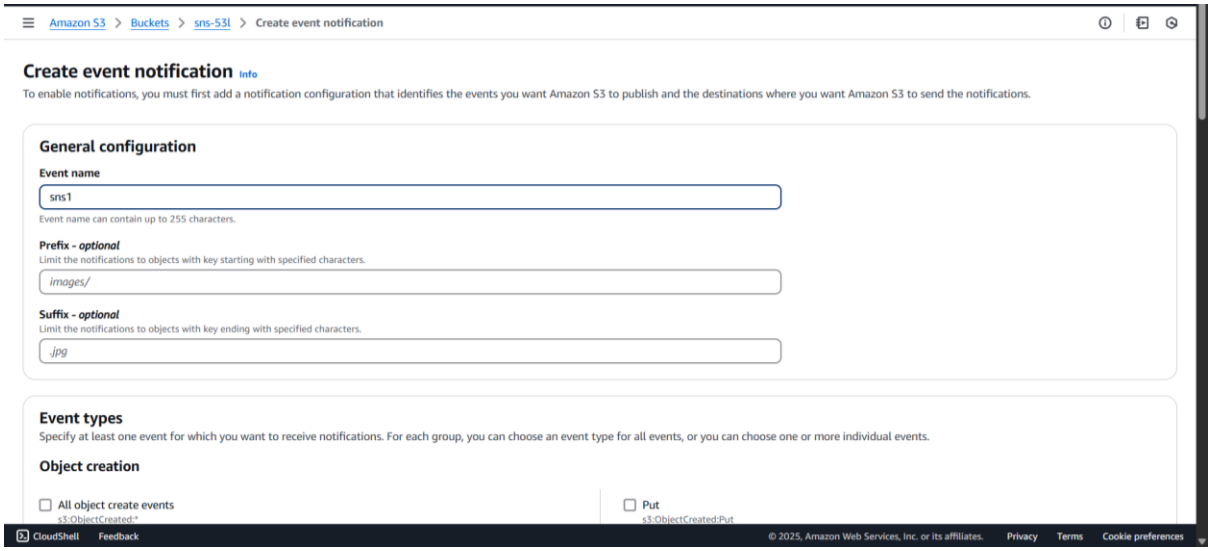
Click on create bucket.



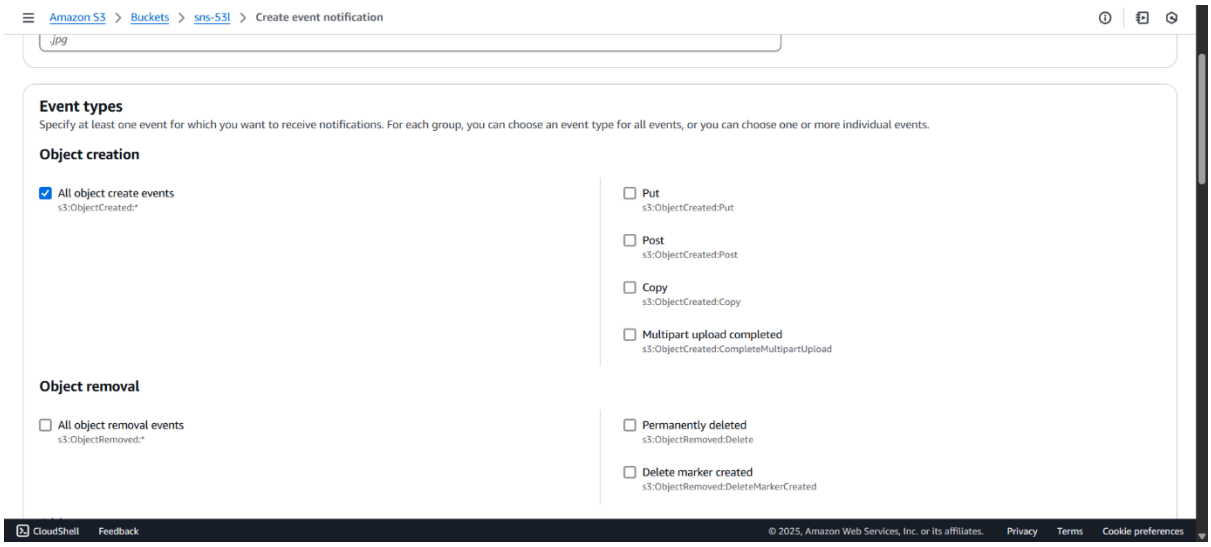
Create an event in the bucket by clicking on create event notification.



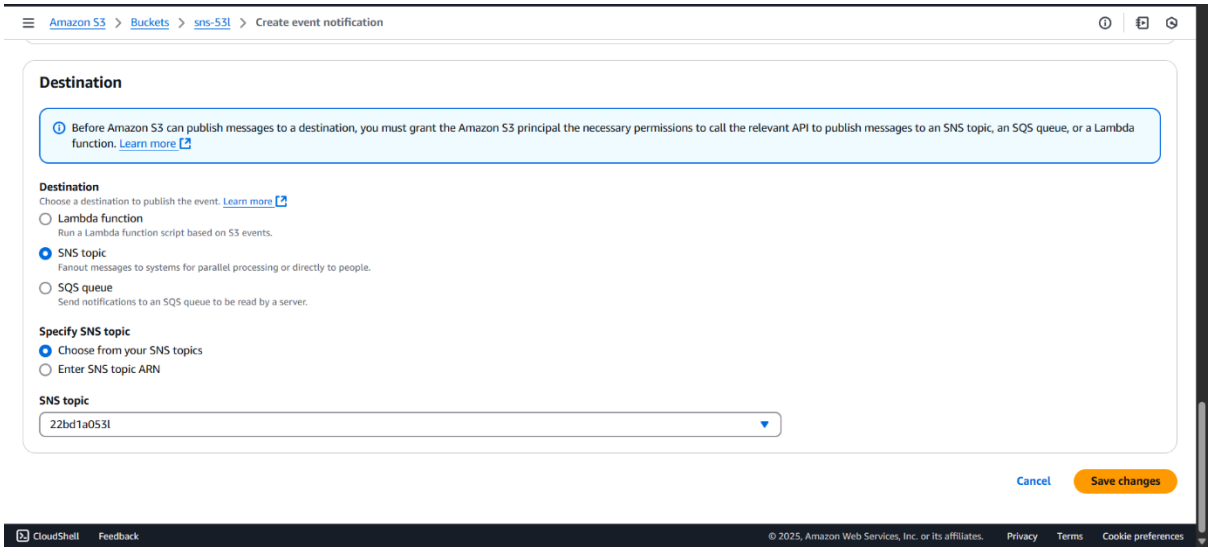
Give a name to the event.



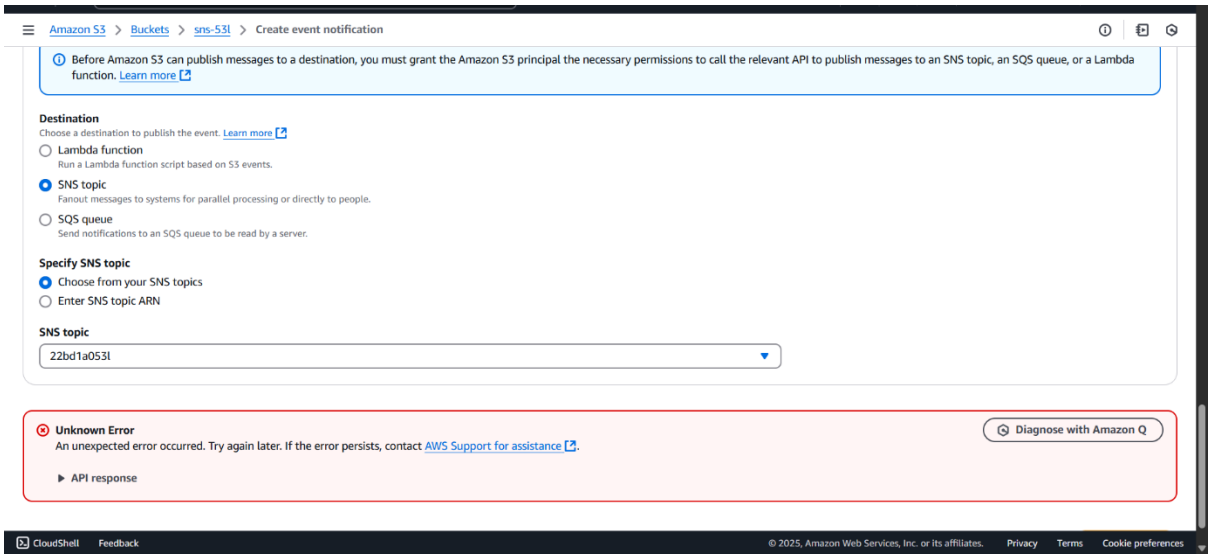
Select the option all object create events so that whenever the object is created the event will get triggered.



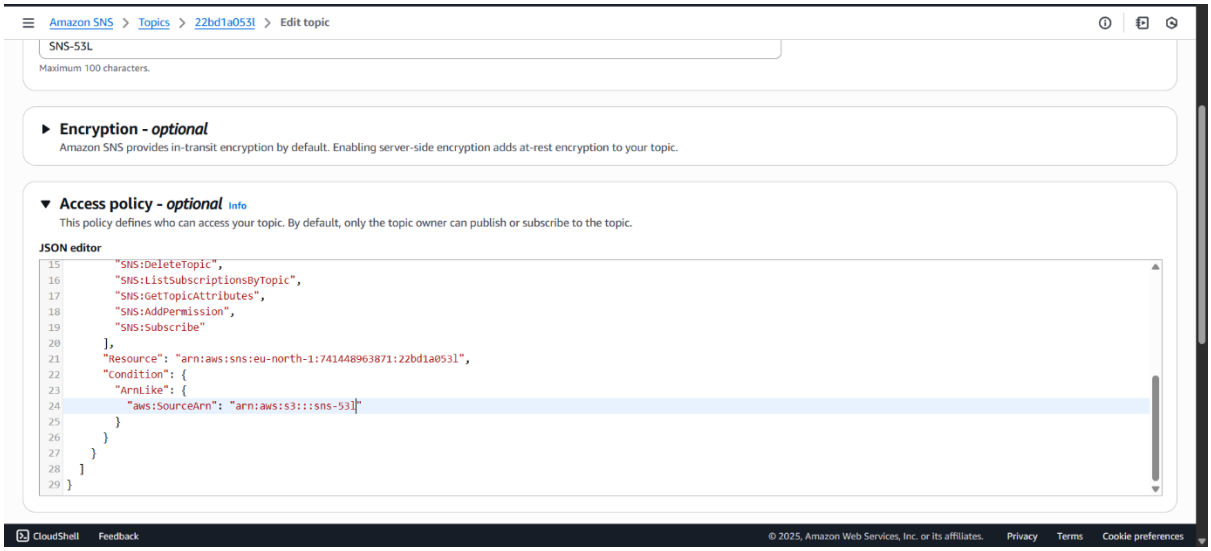
Give the destination as SNS topic and give the name of the SNS topic.



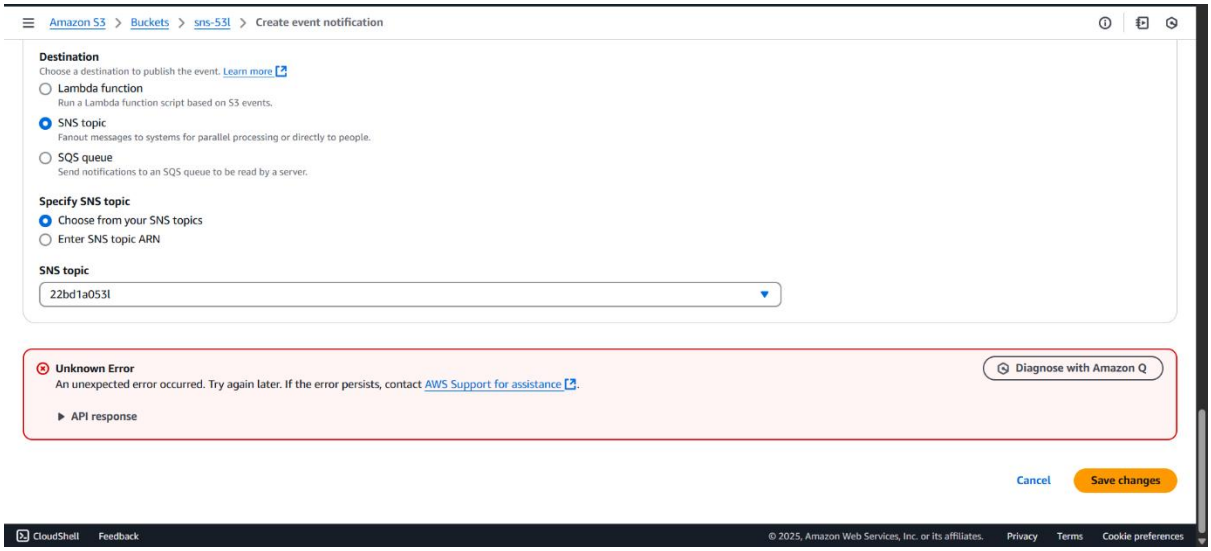
We get an error when we try to save the changes.



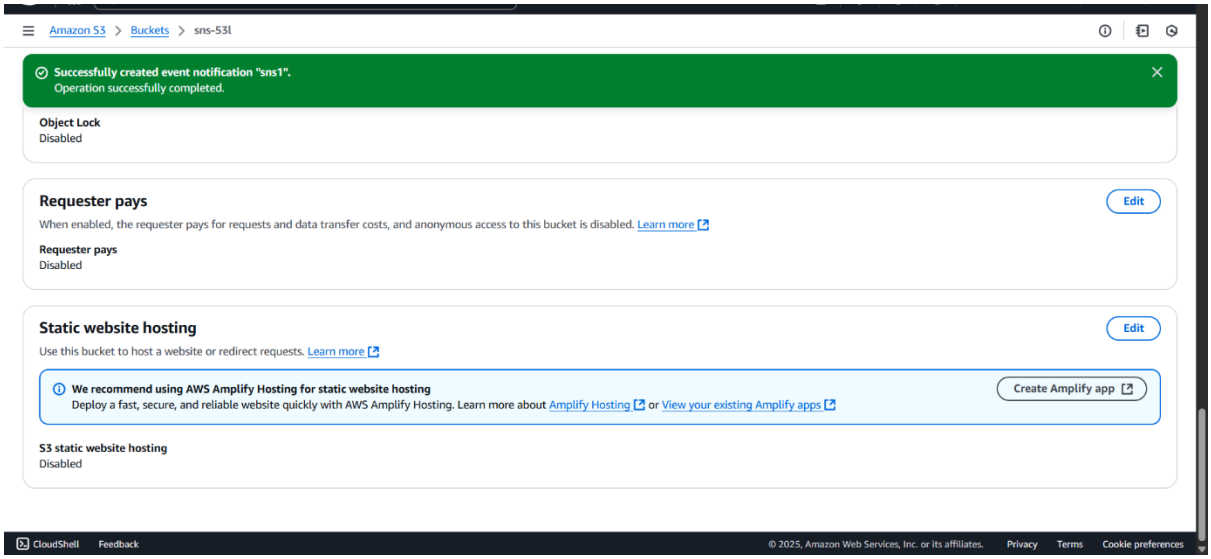
To remove the error we need to edit the access policy of the topic and give the ARN of the bucket which we created.



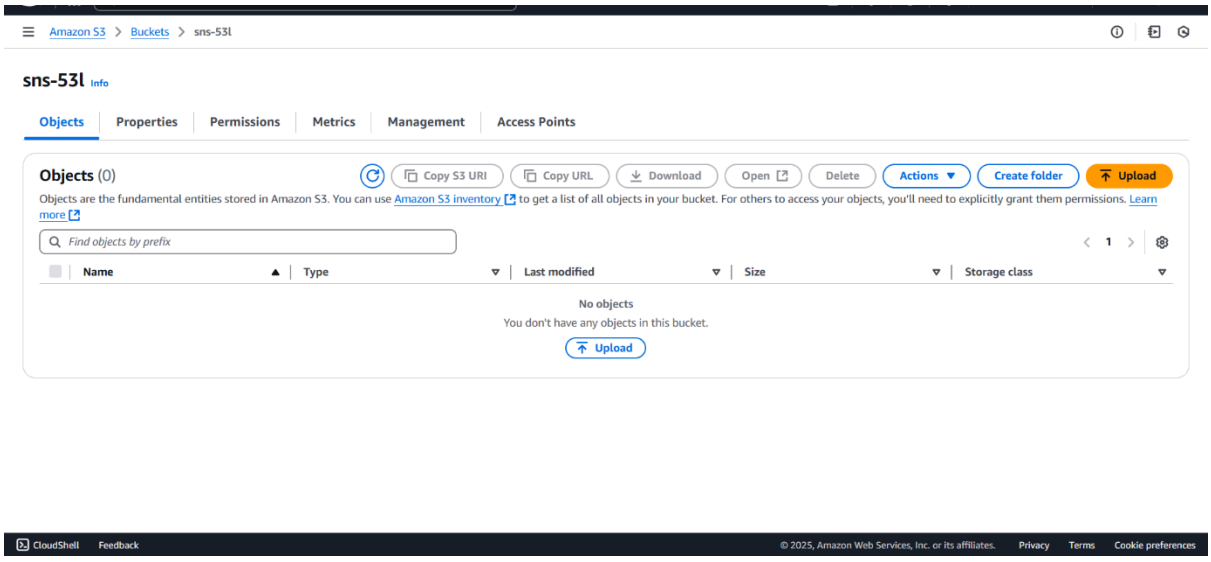
Now again click on save changes in the create event notification page of the bucket.



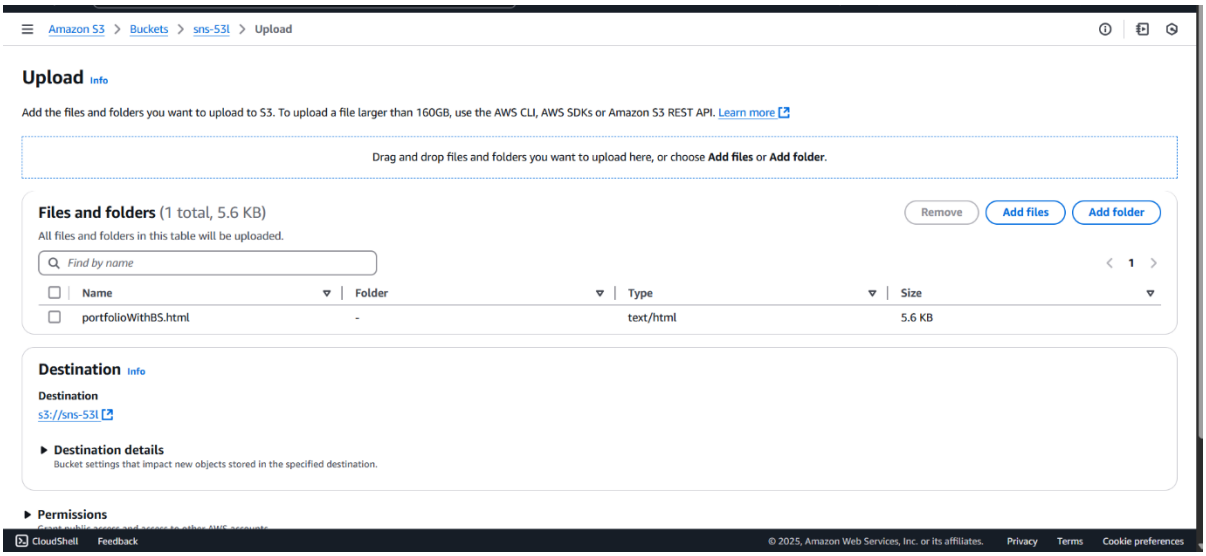
Now the event notification has been created successfully.



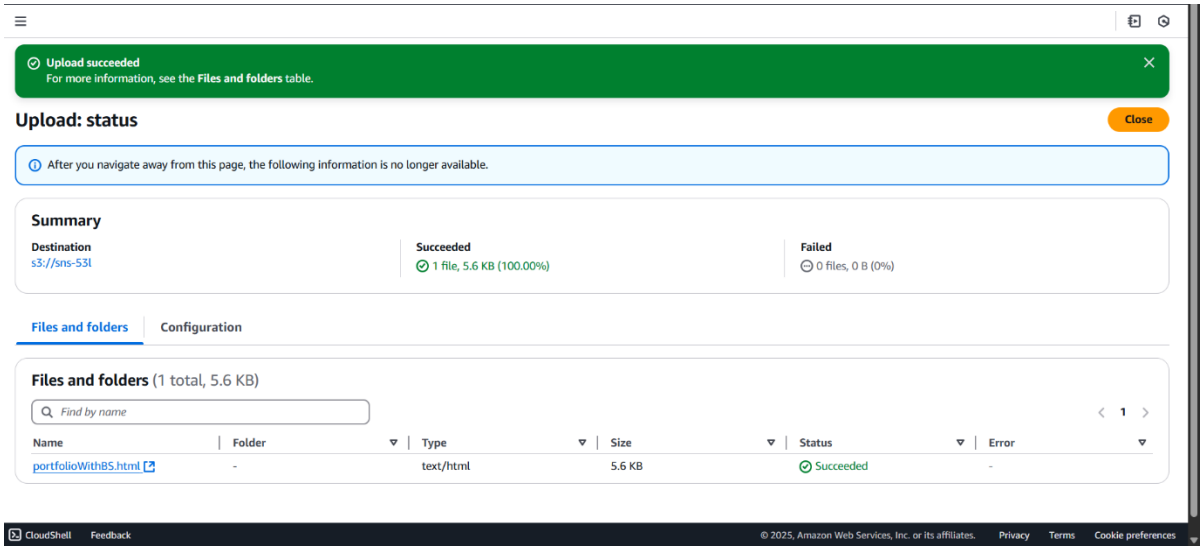
Upload an object in the bucket.



Upload the file.



The file is uploaded successfully.



We can see that the mail is published with the metadata of the object.