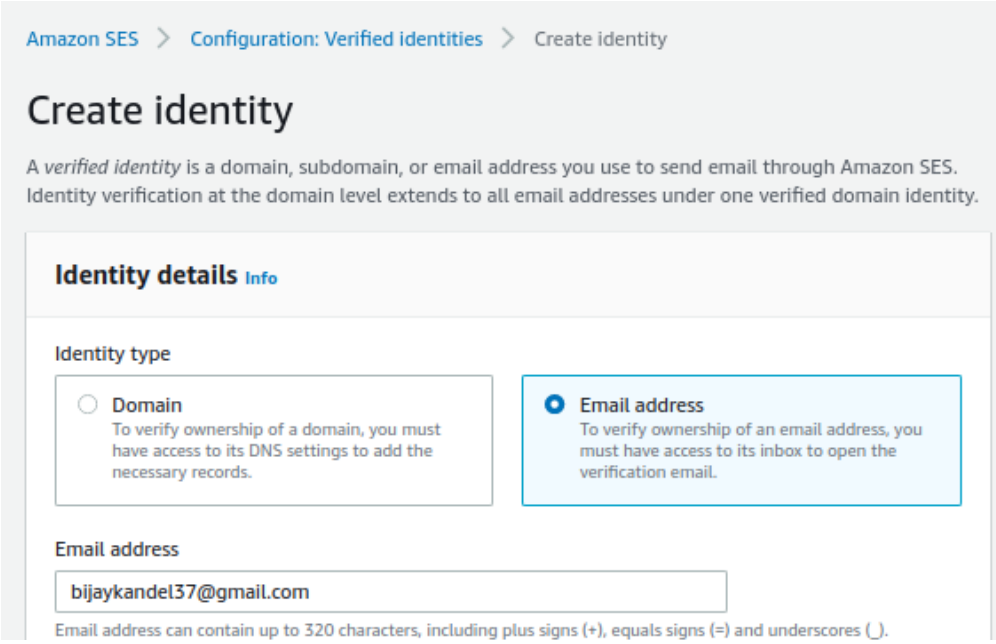
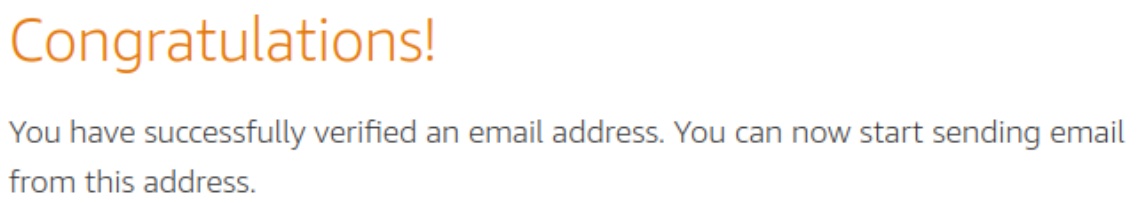
1. <u>Validate your email address in SES.</u>

   To validate the email address, we have to create an identity with type Email address. From Amazon SES>Configuration: Verified Identities>Create Identity

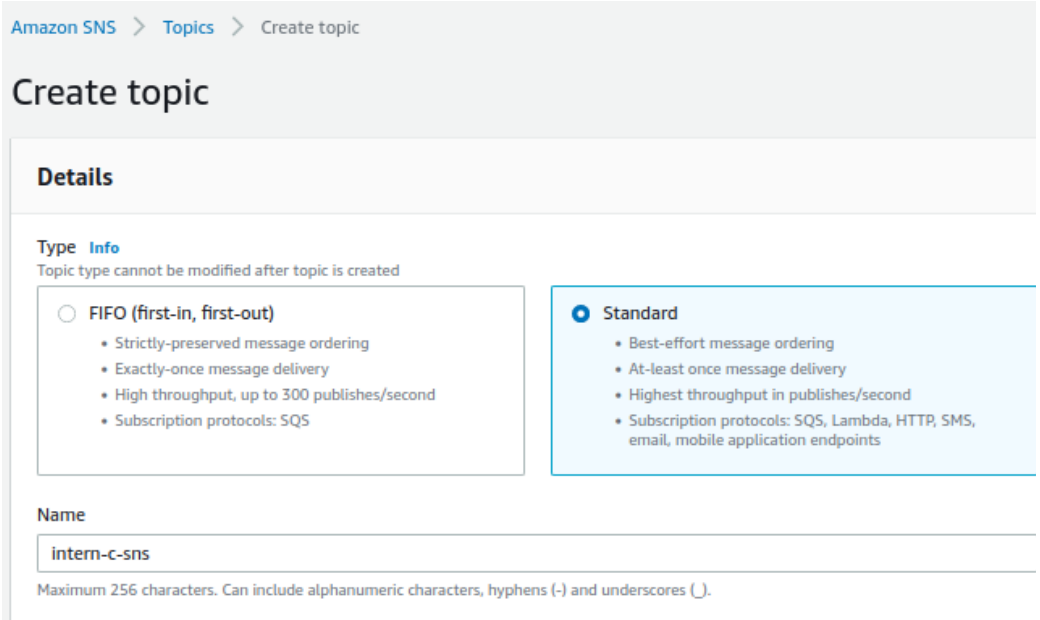


Now, we can provide our email address. And when we click on the Create Identity button, we get an email with a link that activates the email subscription. After clicking the link we can get our email address verified:

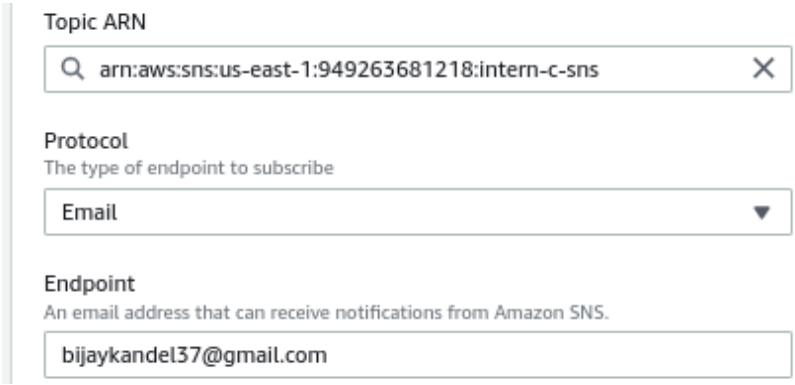


2. <u>Create an SNS topic.</u>
   <u>Add subscription as Protocol Email and endpoint your Email Address</u>
   <u>Create Event Bridge rule to monitor EC2 state change events. Set above created SNS topic as target.</u>

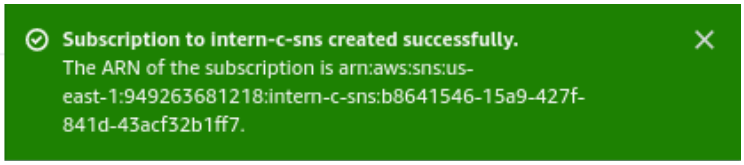
First, we can create SNS topic from Amazon SNS>Topics>Create Topic



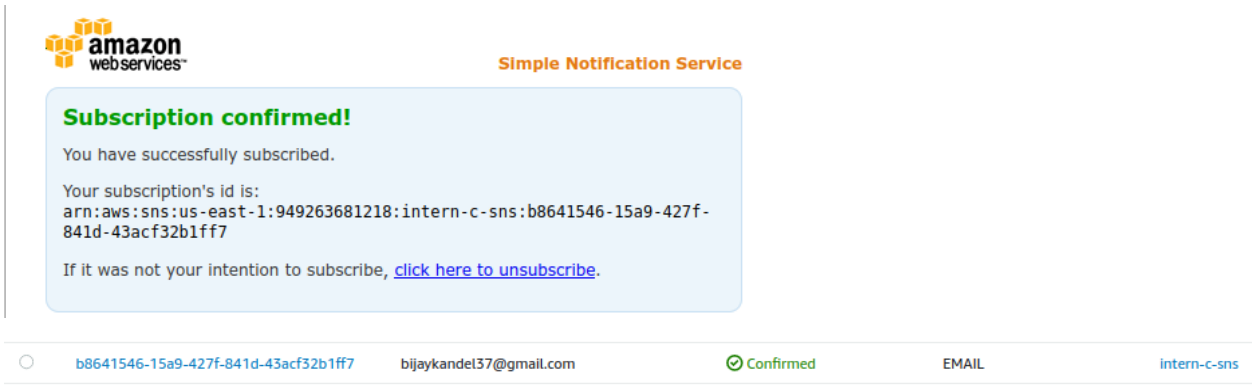
After creating an SNS topic, and by selecting it and clicking on the Create Subscription button, we can create an subscription with our individual email as an endpoint by selecting Protocol 'Email'.



After 'Create Subscription' we can see this message:

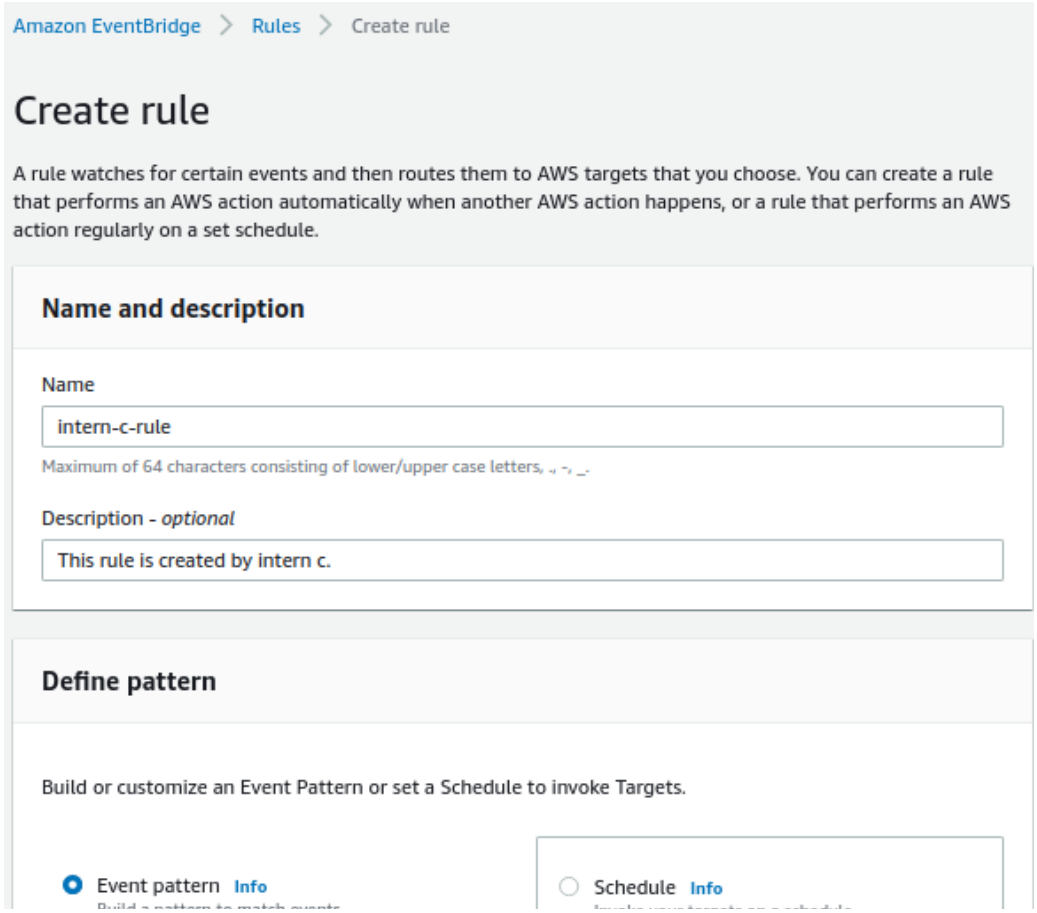


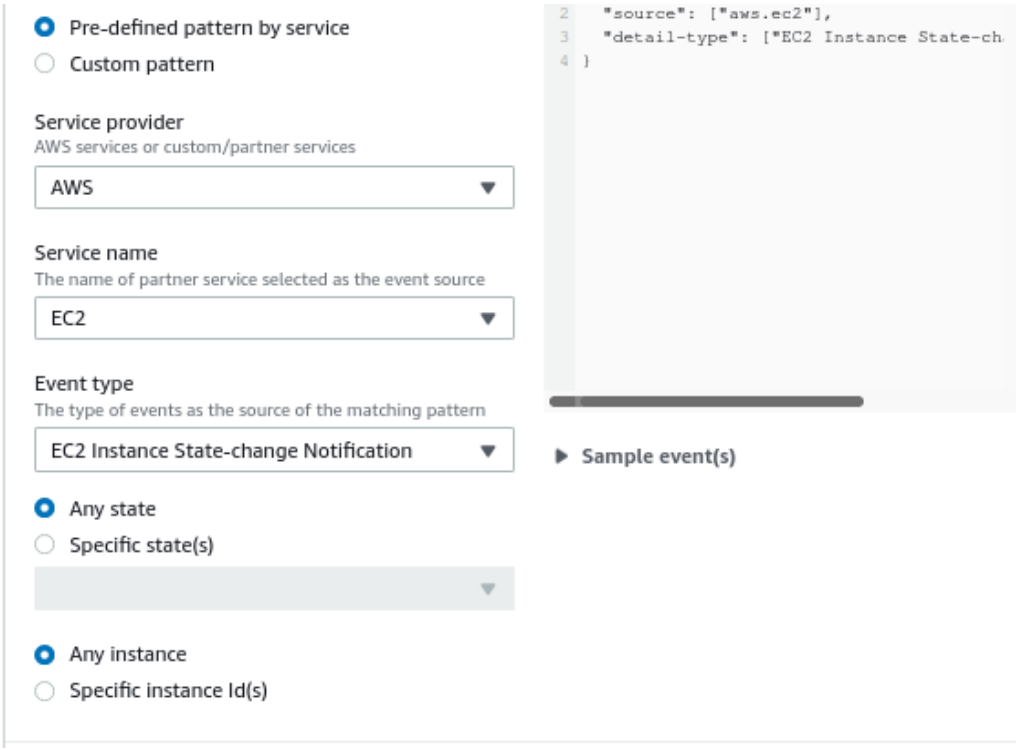
This also sends us an email to verify the subscription. After clicking on Confirm Subscription, we can get a confirmed message from SNS as:



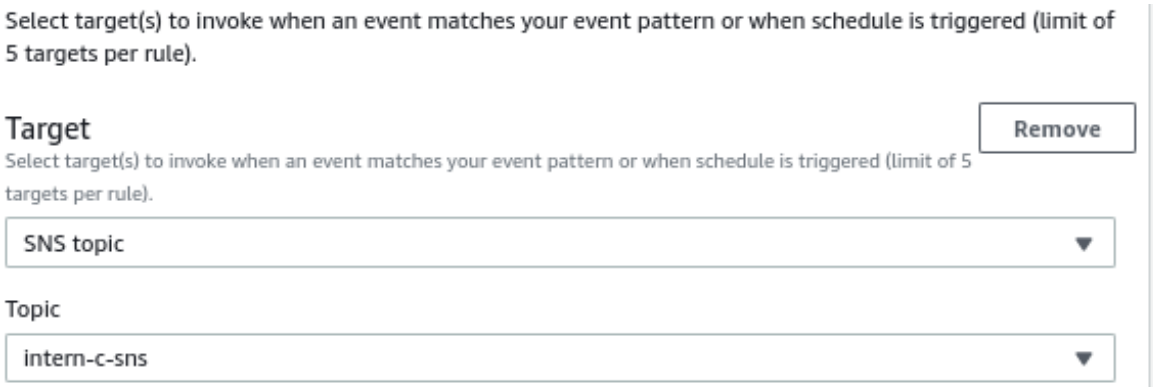
Now our email got verified and the subscription got confirmed.

Then we can create a Event Bridge rule from
Amazon EventBridge>Rules>Create rule



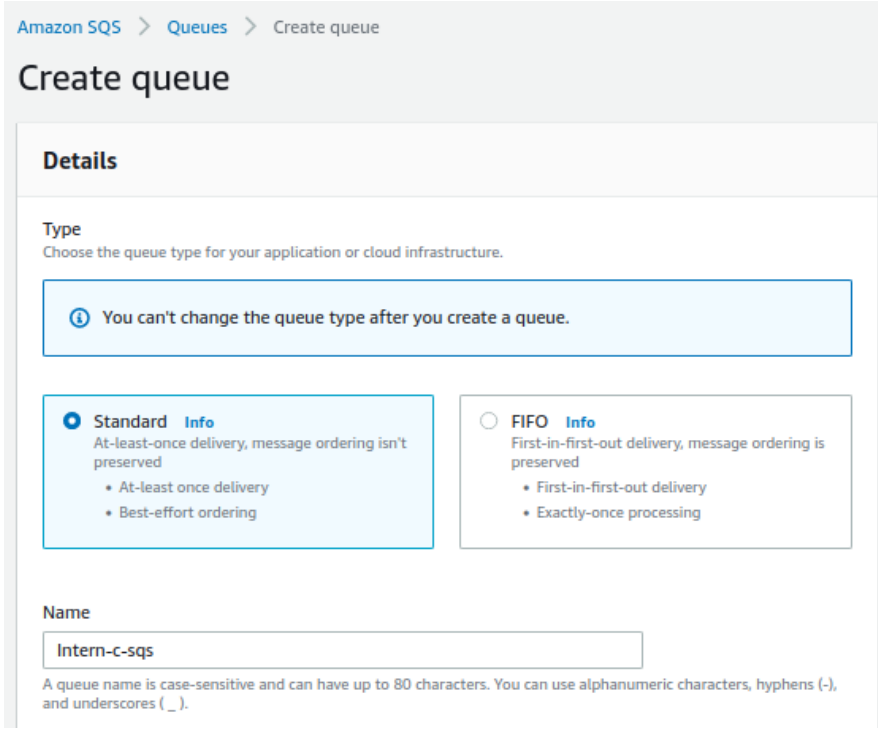


Above created SNS topic is selected as target:

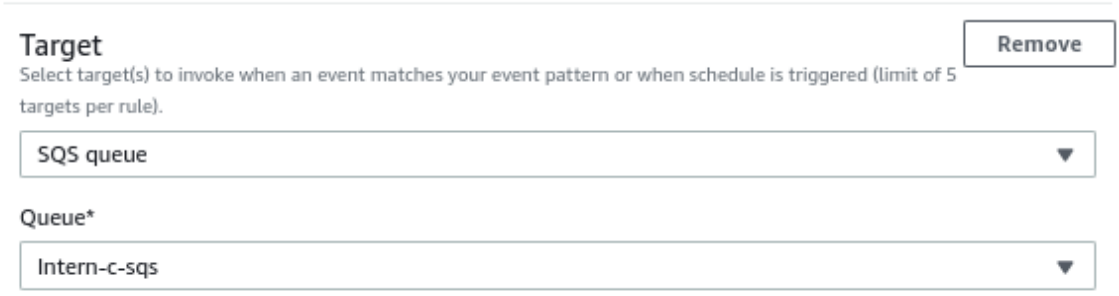


3. <u>Create standard SQS.</u>
   <u>Add this SQS as target in above created Event Bridge rule (in addition to existing SNS)</u>
   <u>Add lambda trigger in SQL to sendEmail lambda function.</u>

Standard SQS is created from Amazon SQS > Queues> Create Queue



And this SQS as target is added in above created Event Bridge rule by Selecting our rule which we created and Edit button. From there, we scroll down to the Target and Select 'Add target' and we can select SQS queue and mention our queue name as shown:



Now, we can see both targets:

To add a lambda trigger in SQL to the sendEmail lambda function: