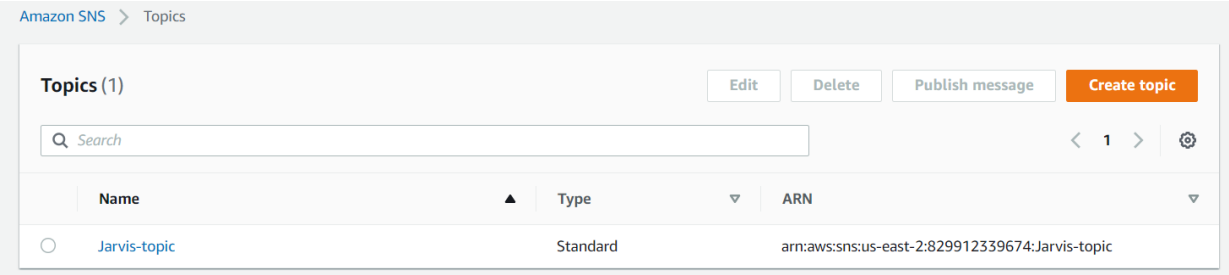
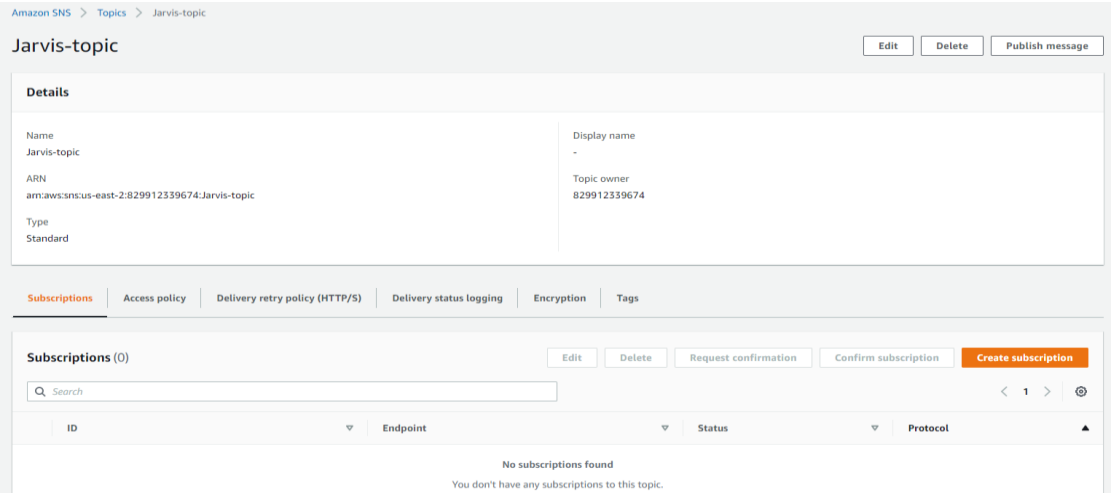
1. Amazon CloudWatch event delivers a real time stream of system. Events that describe changes in our AWS Resources.
2. We can match event and route them into one or more target function or stream.
3. CloudWatch event become aware of operational changes as they occurred.

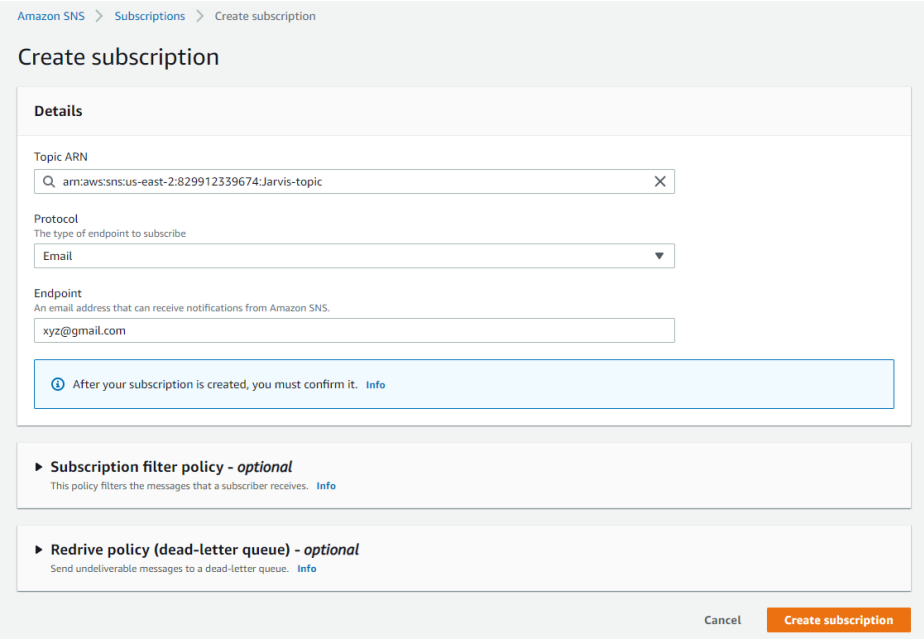
Firstly, Create **SNS topic** for Email Notification whenever **our Event is performed successfully** then we received mail via SNS service.

We create Standard SNS topic



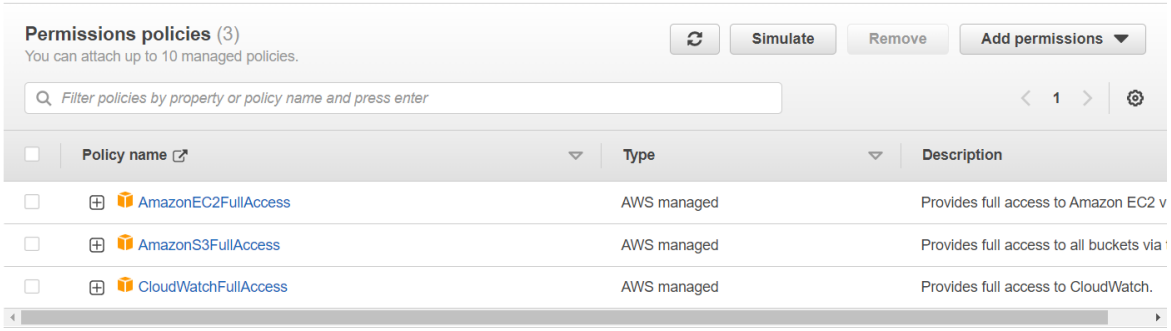
And also create subscription for that topic and **confirm it from mail**





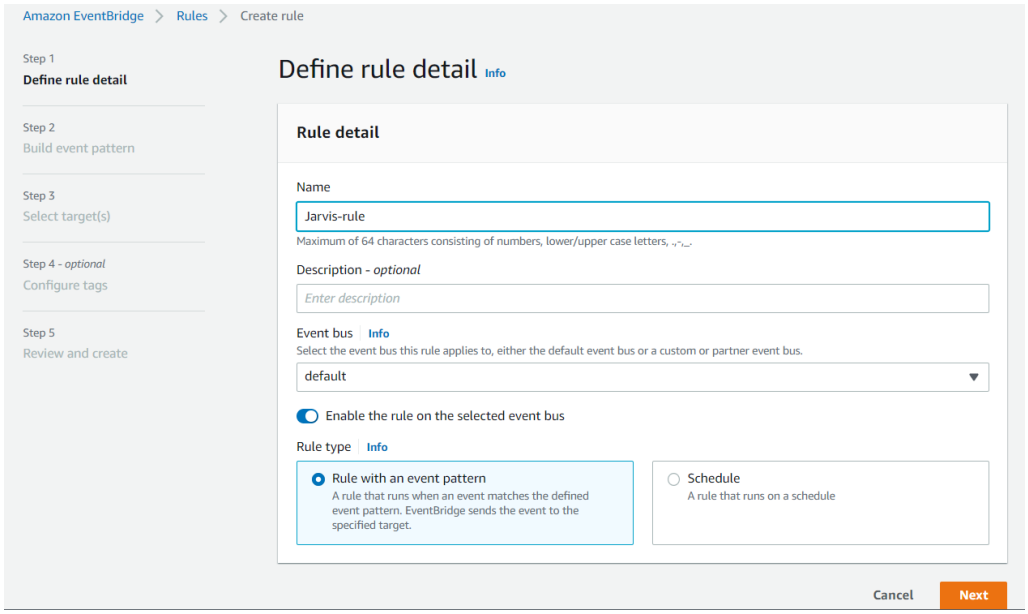
Note: - After creating subscription confirmed it on mail

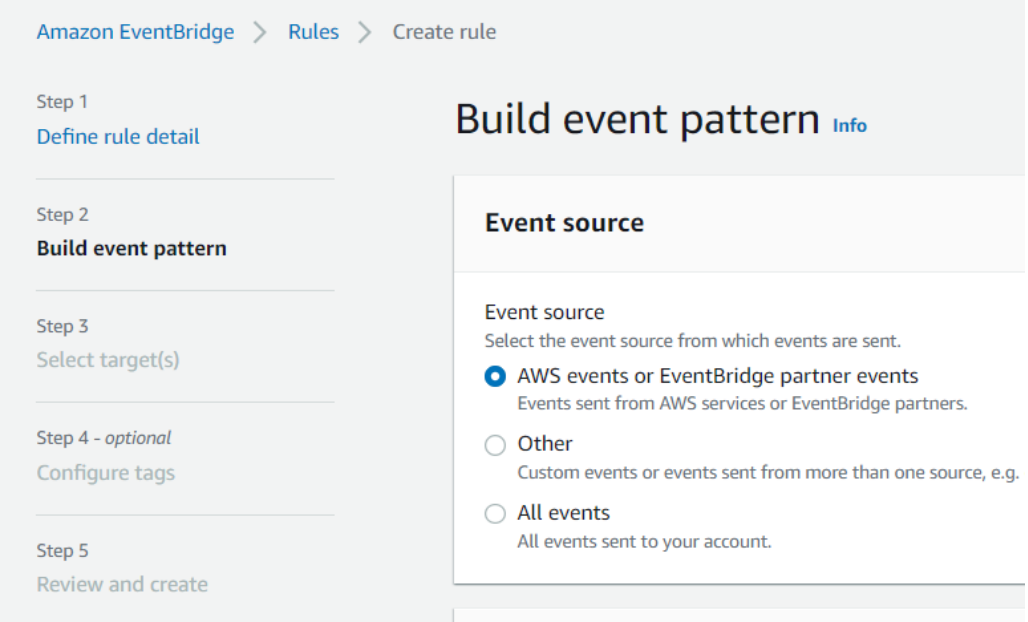
Create EC2 instance and attach role of EC2 integrated with



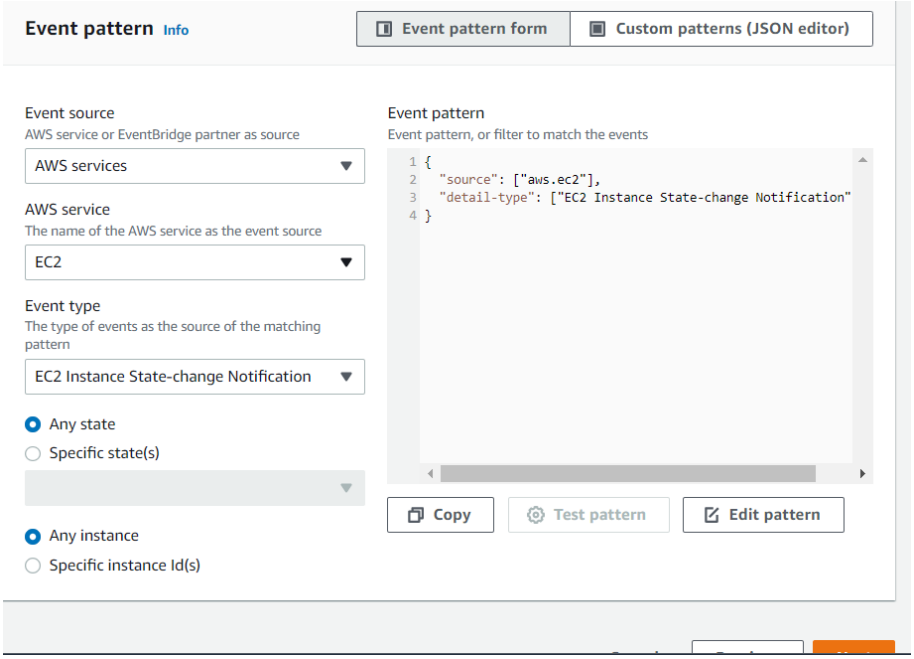
Attach role to the ec2 instance

Now, Create default rule in Amazon **CloudWatch Events**

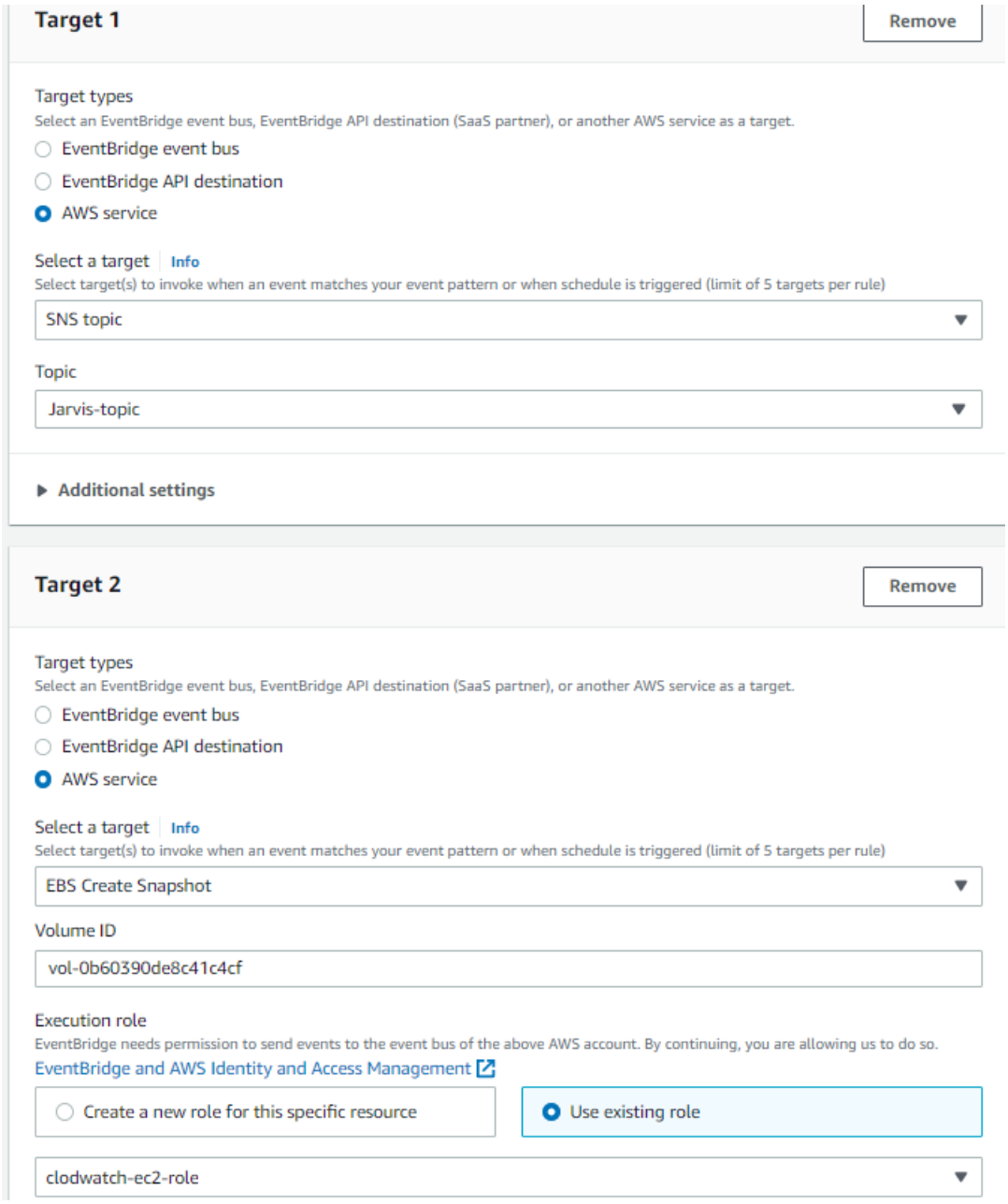




Build Event Pattern is



Create 2 Target and attach role to the event



Set Target where our notifications jump to the email

If our instance will be going to stop then we receive 2 mails of **Stopping & Stopped** and 2 Snapshot created for **Stopping & Stopped**

If our instance will be going to start then we receive 2 mails of **Pending & Start** and 2 Snapshot created for **Pending & Starts**