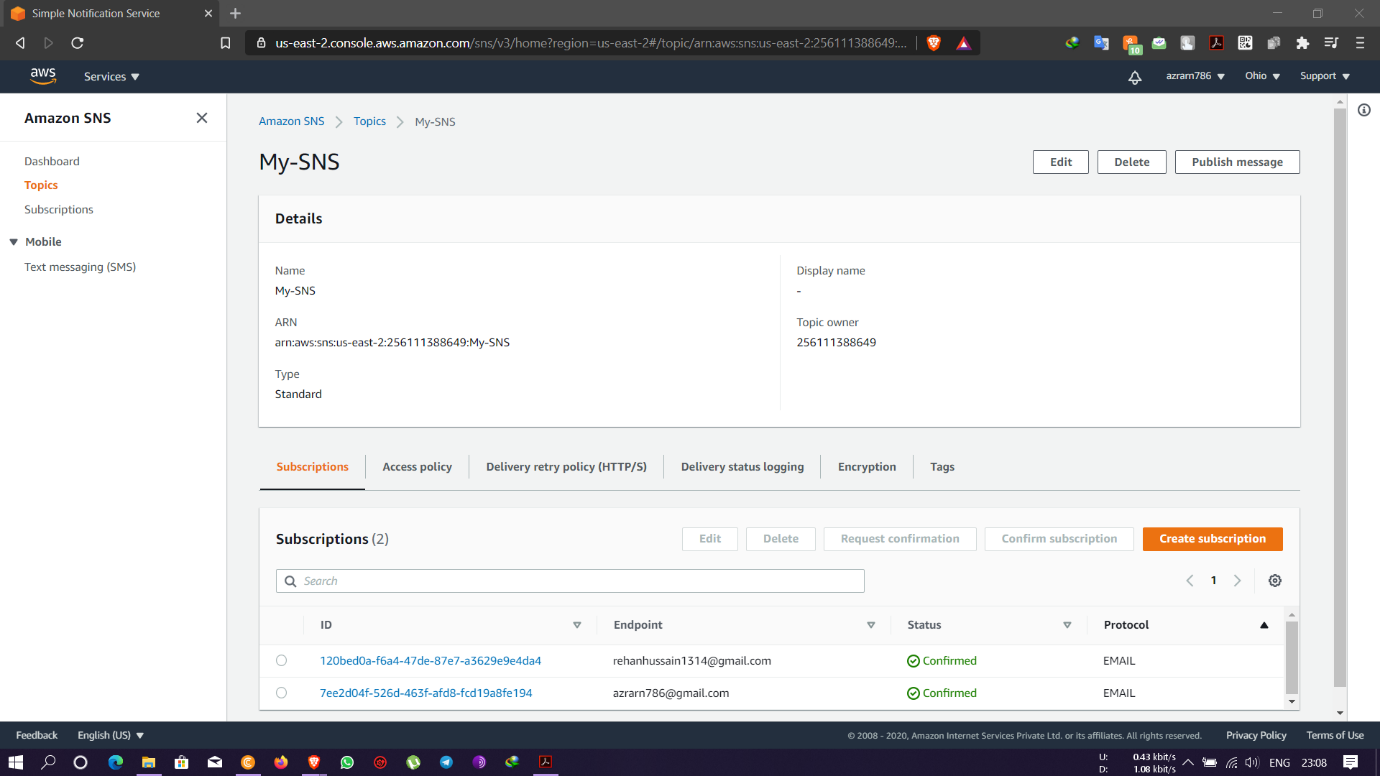
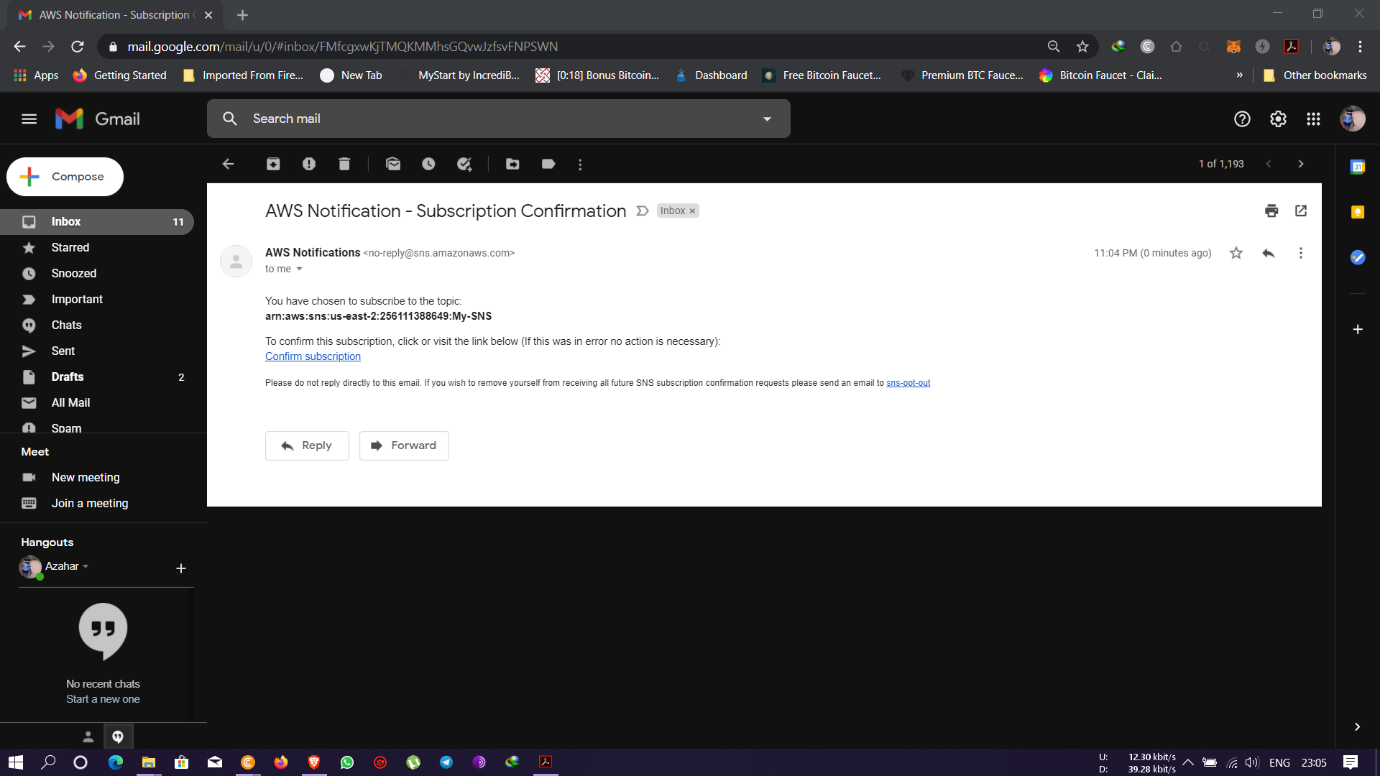
**Question 1:**

Task 1: Working with SNS

* Creating SNS and adding user email for subscription



* Verification of suscriptions

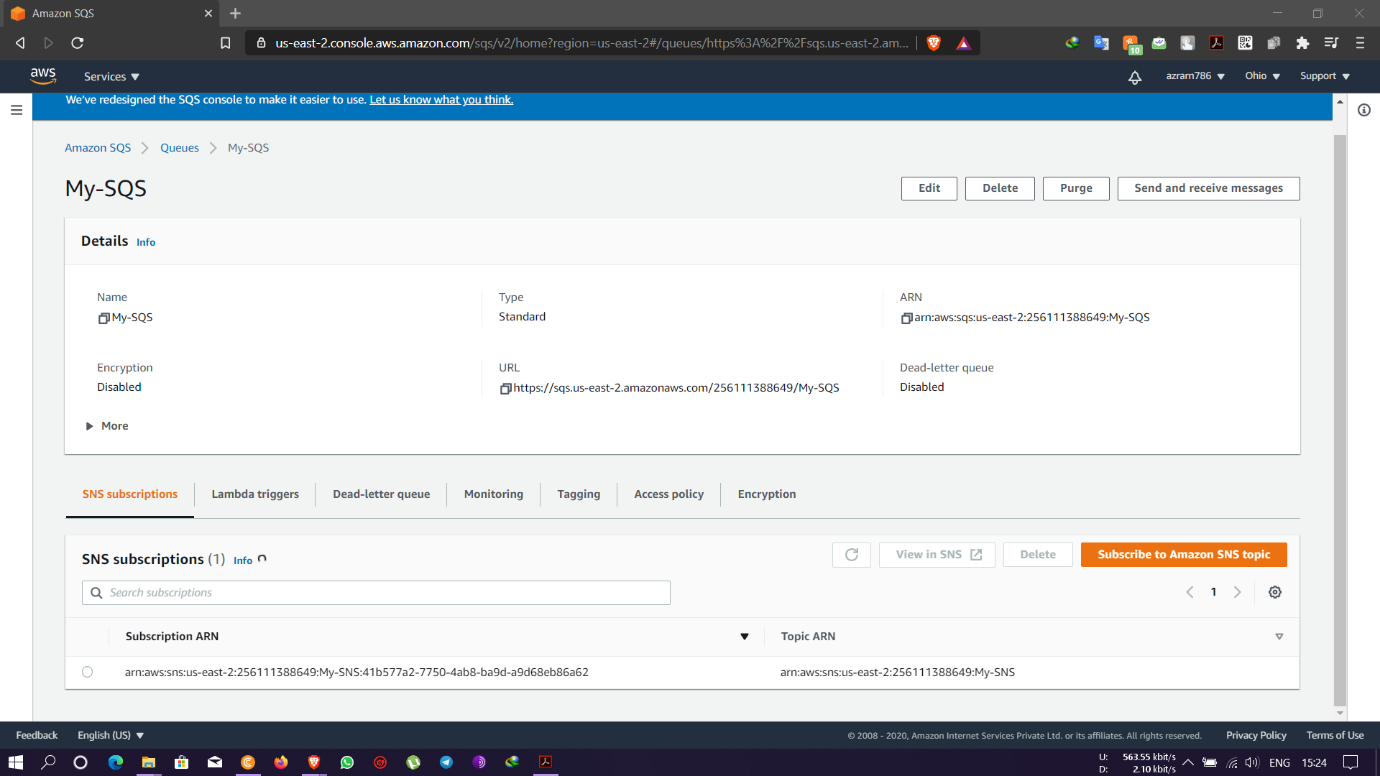


* Suscriptions notification emails

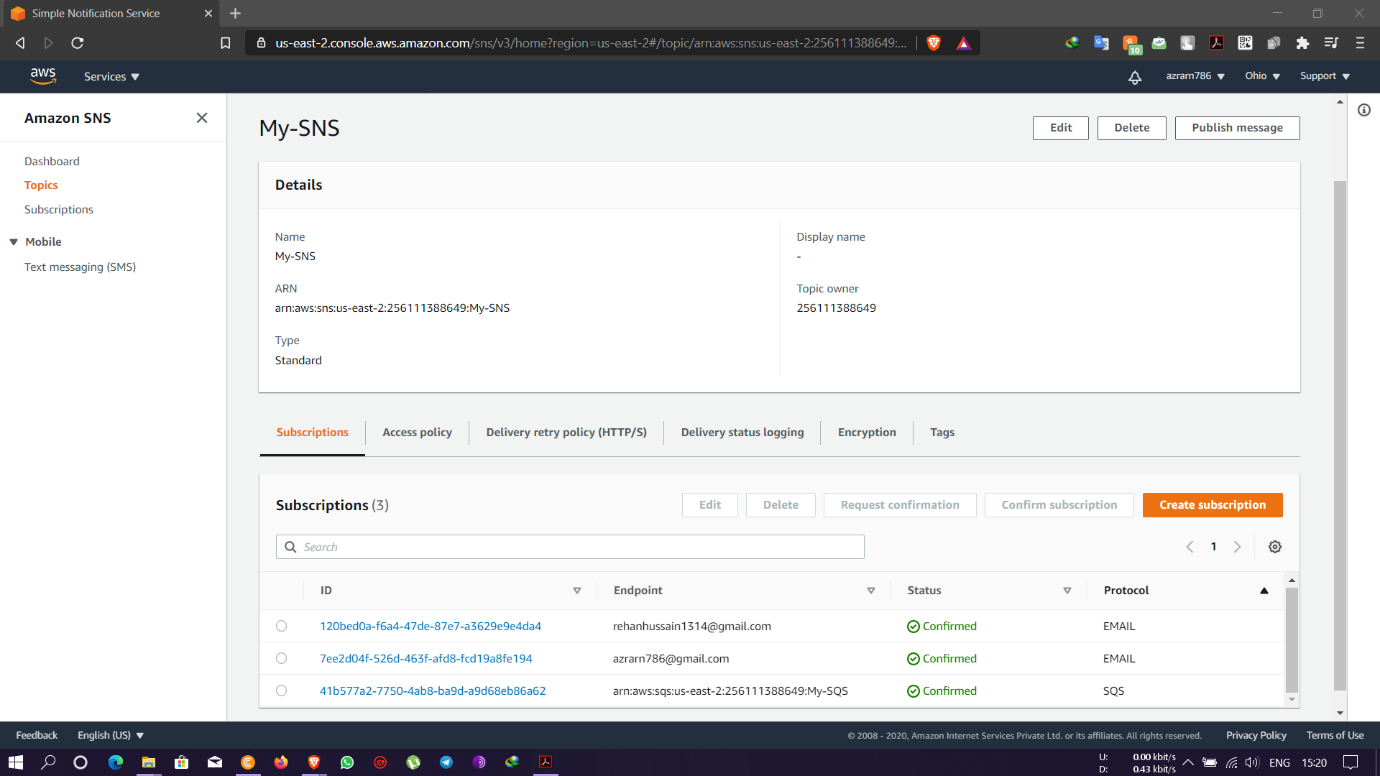


Task 2: Working with SQS

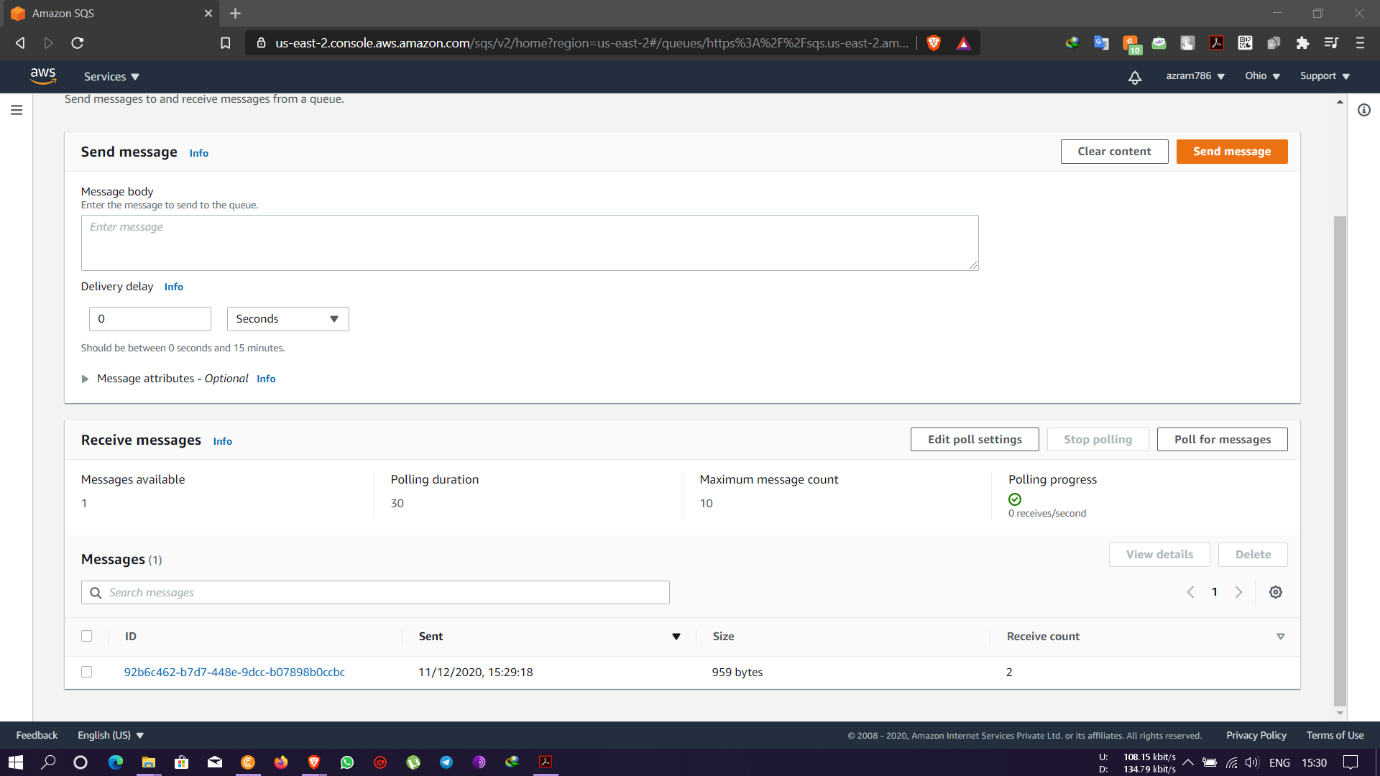
* Creating SQS queues

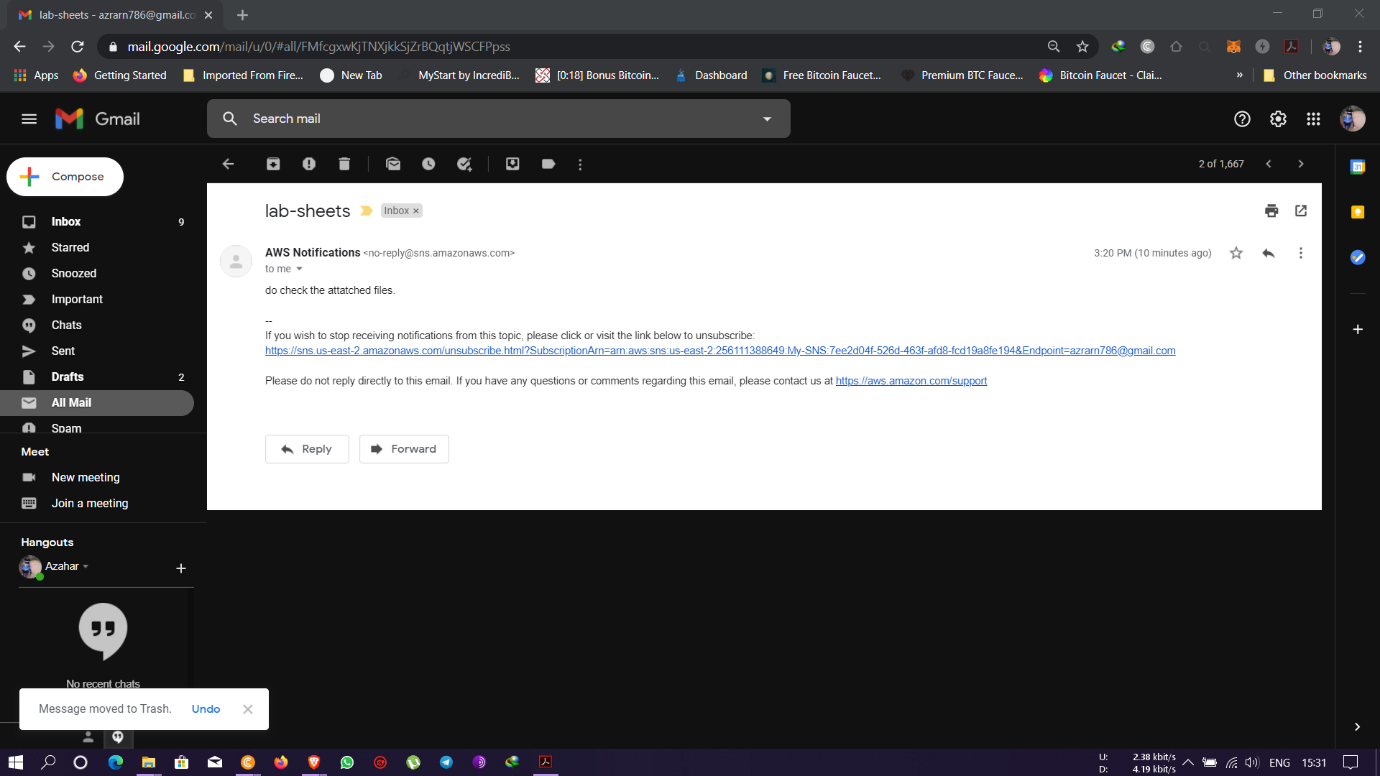


* Publishing message with SNS for SQS queues



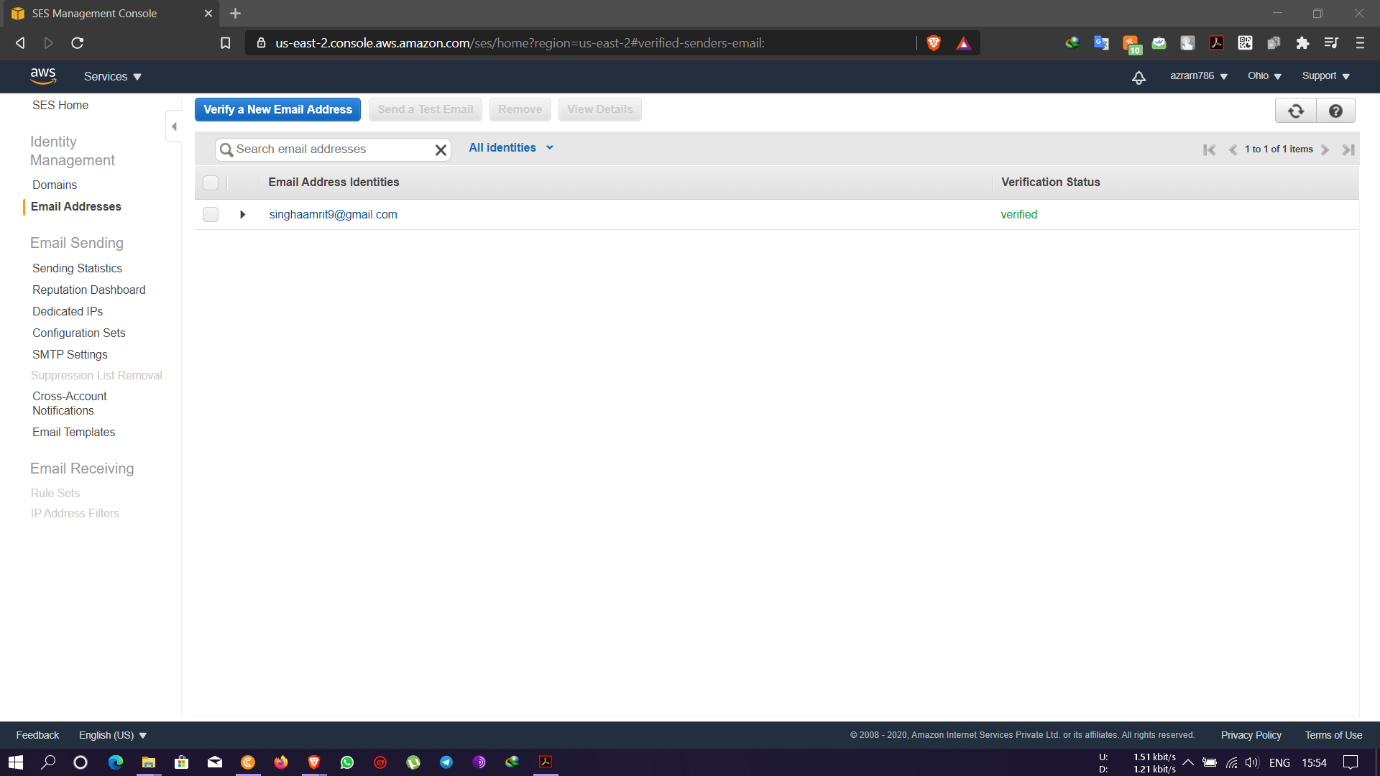
* Polling message

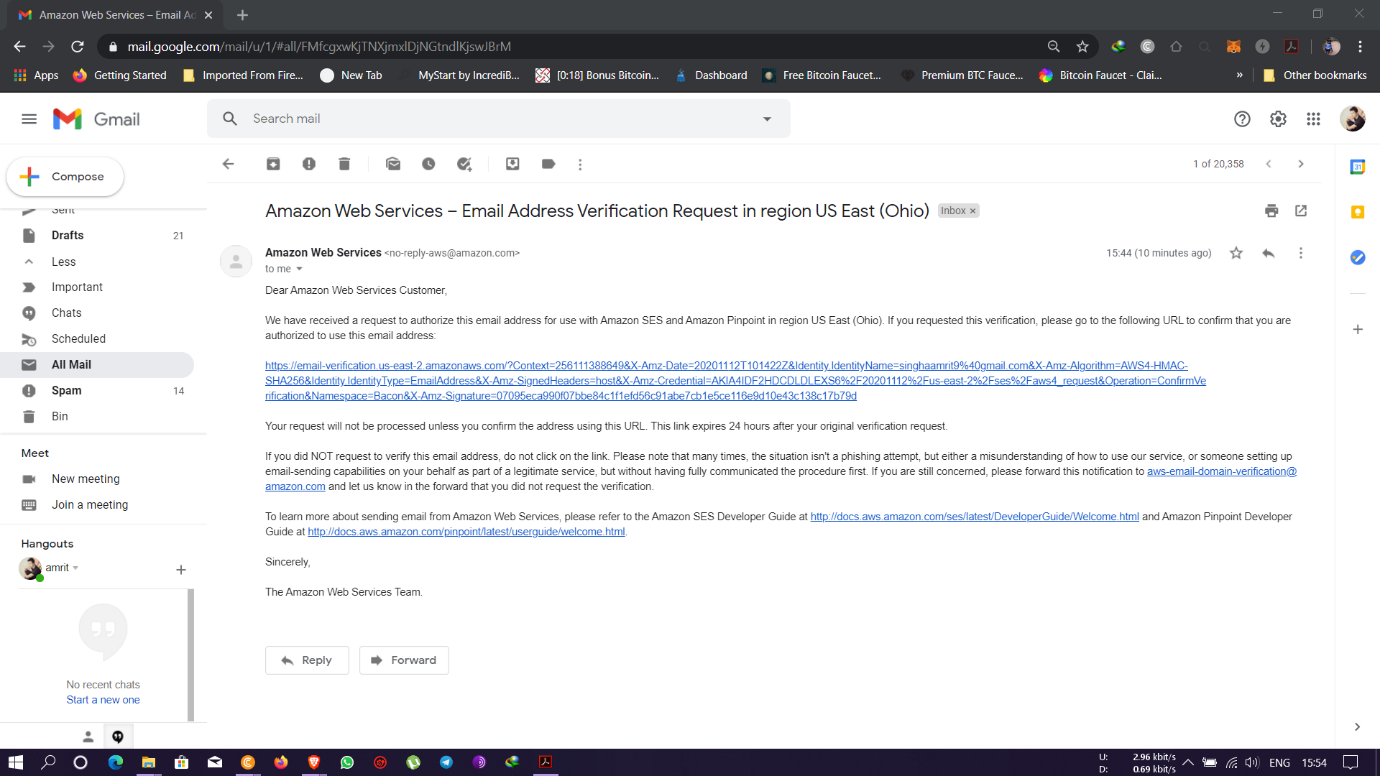




Task 3: Working with SES

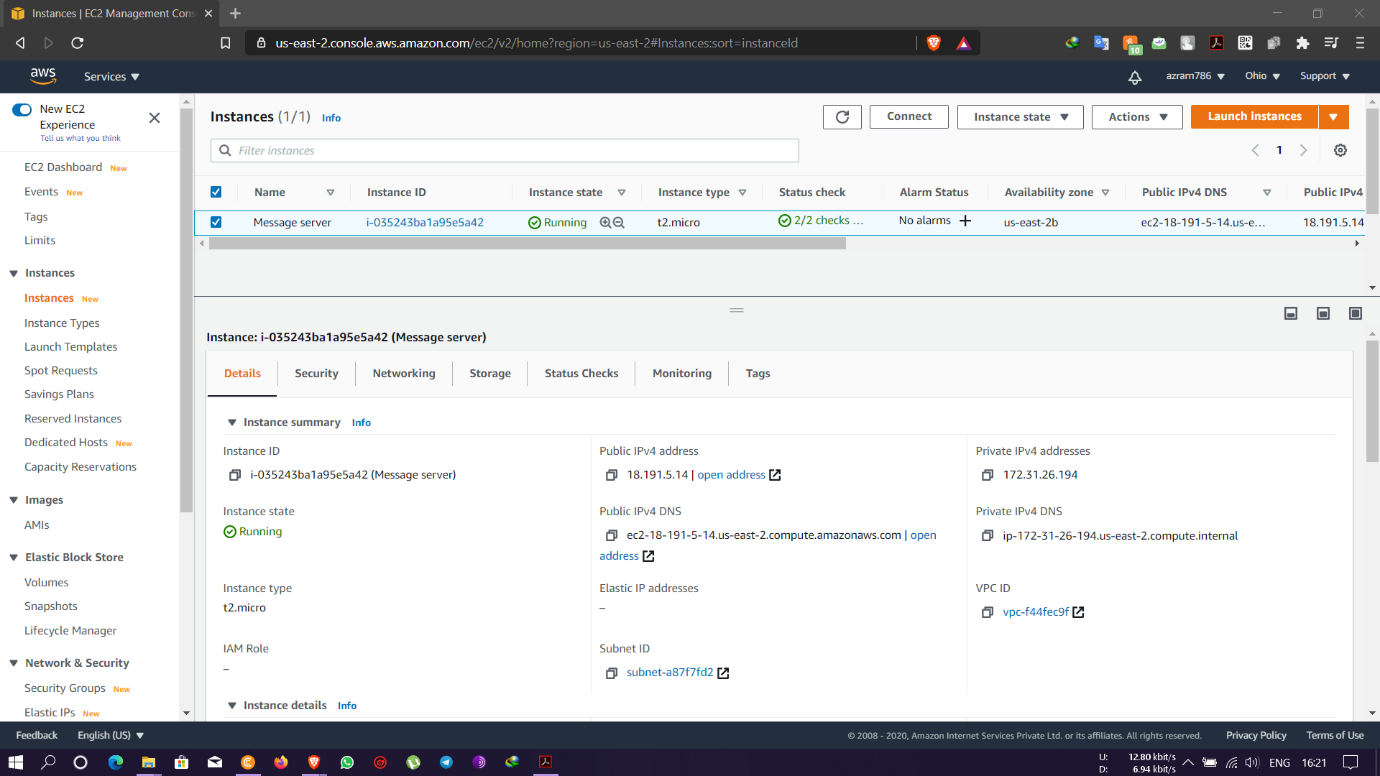
* Adding emails for services



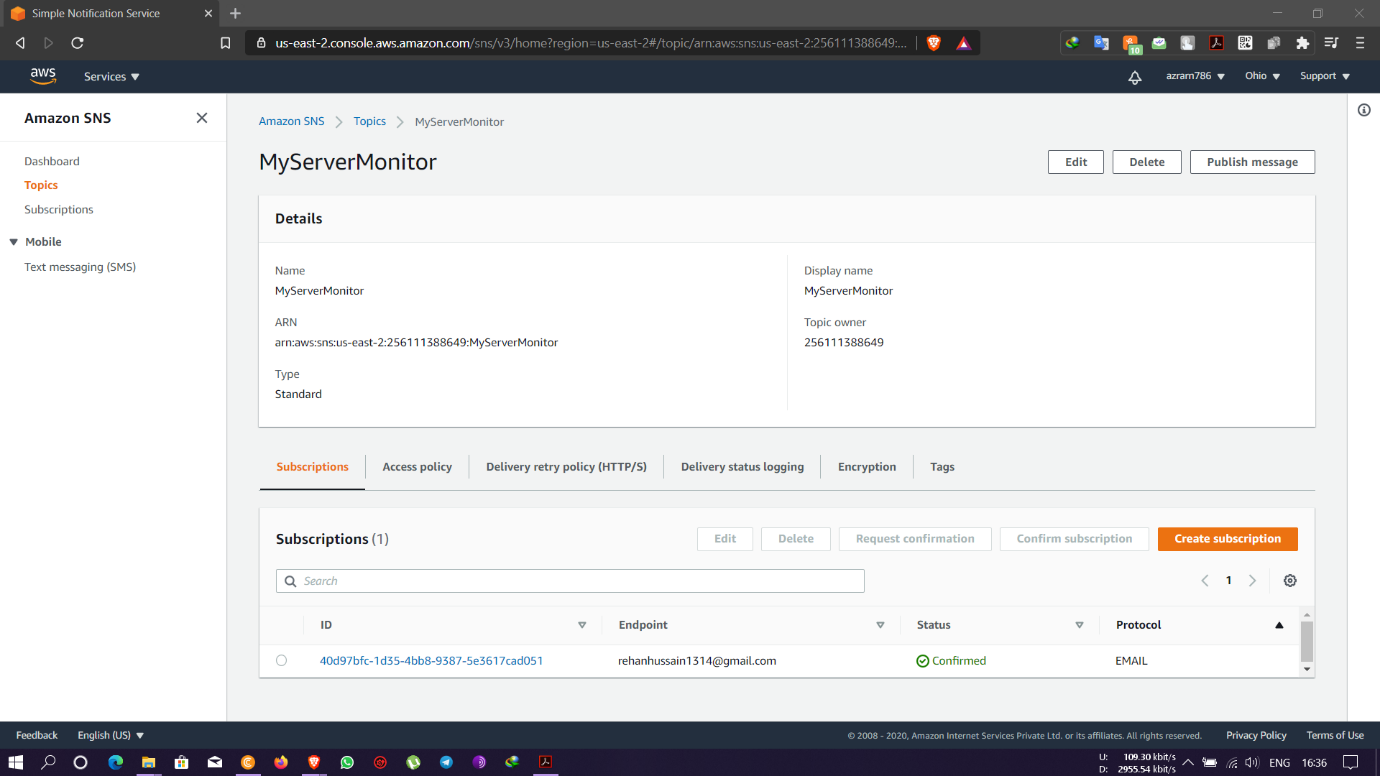


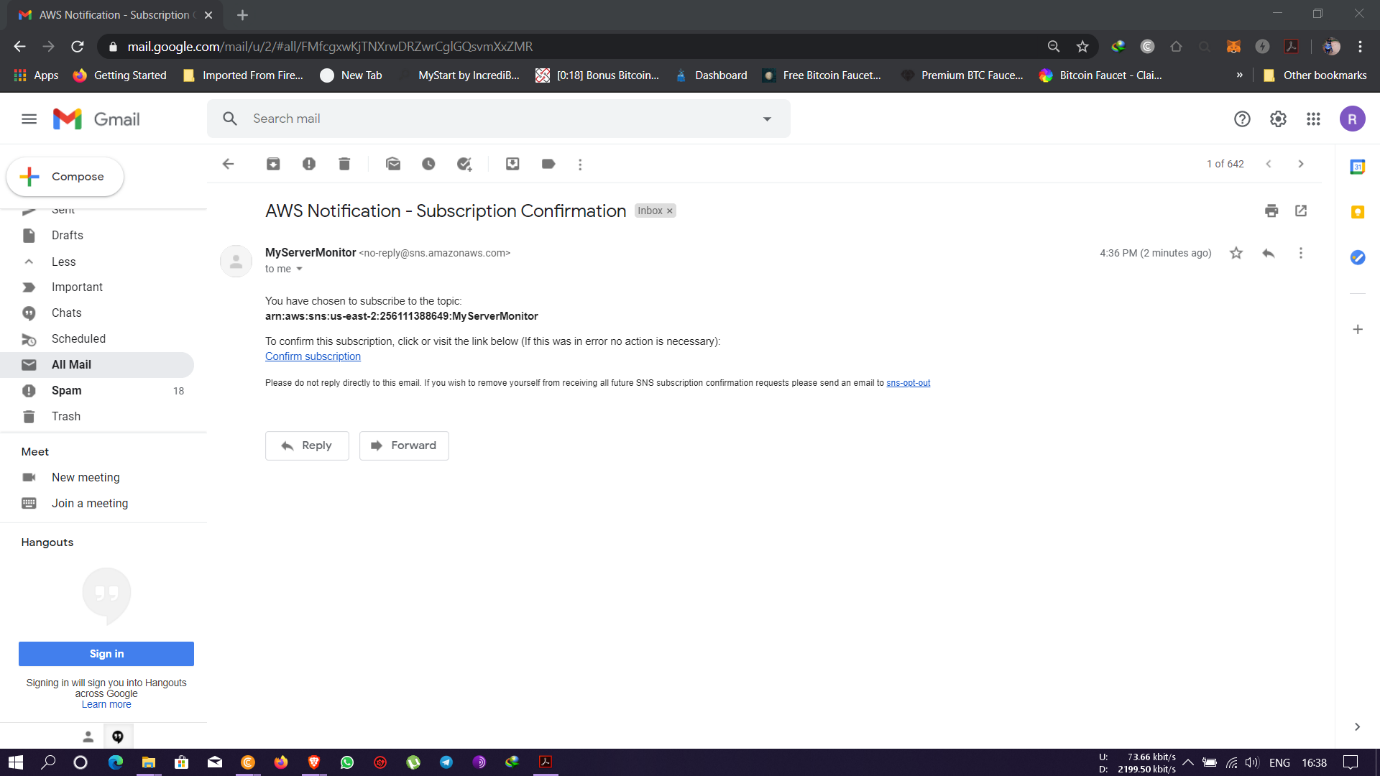
Task 4: TRIGGERING CLOUDWATCH EVENT SNS NOTIFICATION

* Creation of EC2 instance for SNS message services

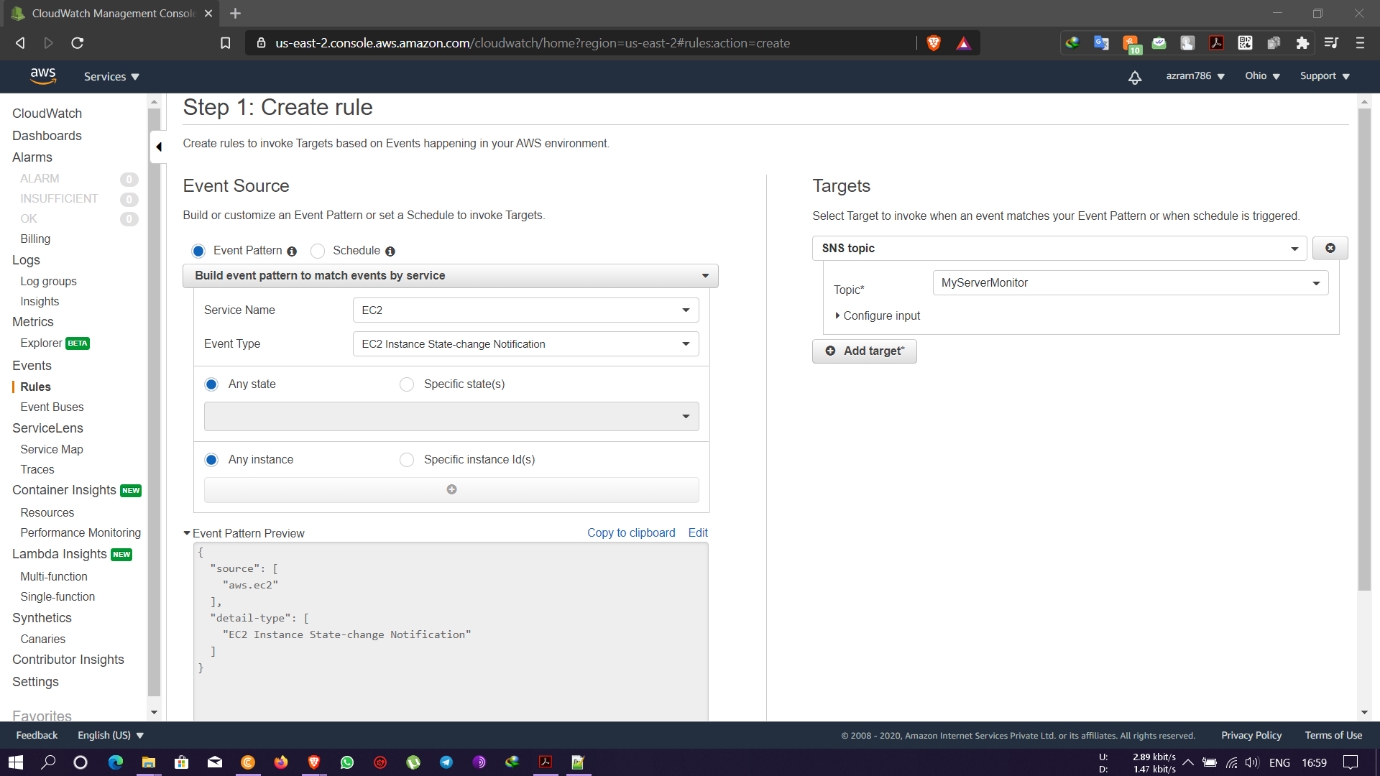


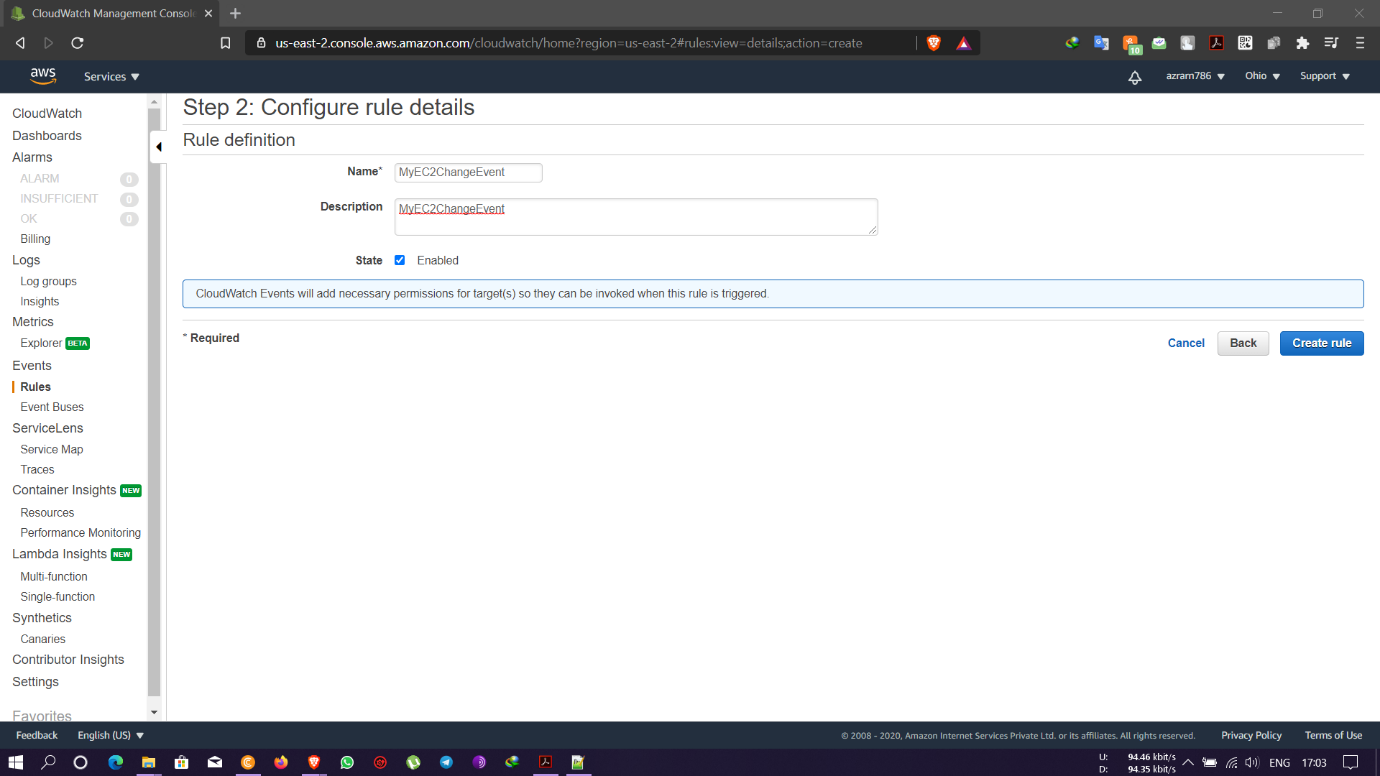
* Subscribing user to SNS





* Implementing CloudWatch rules



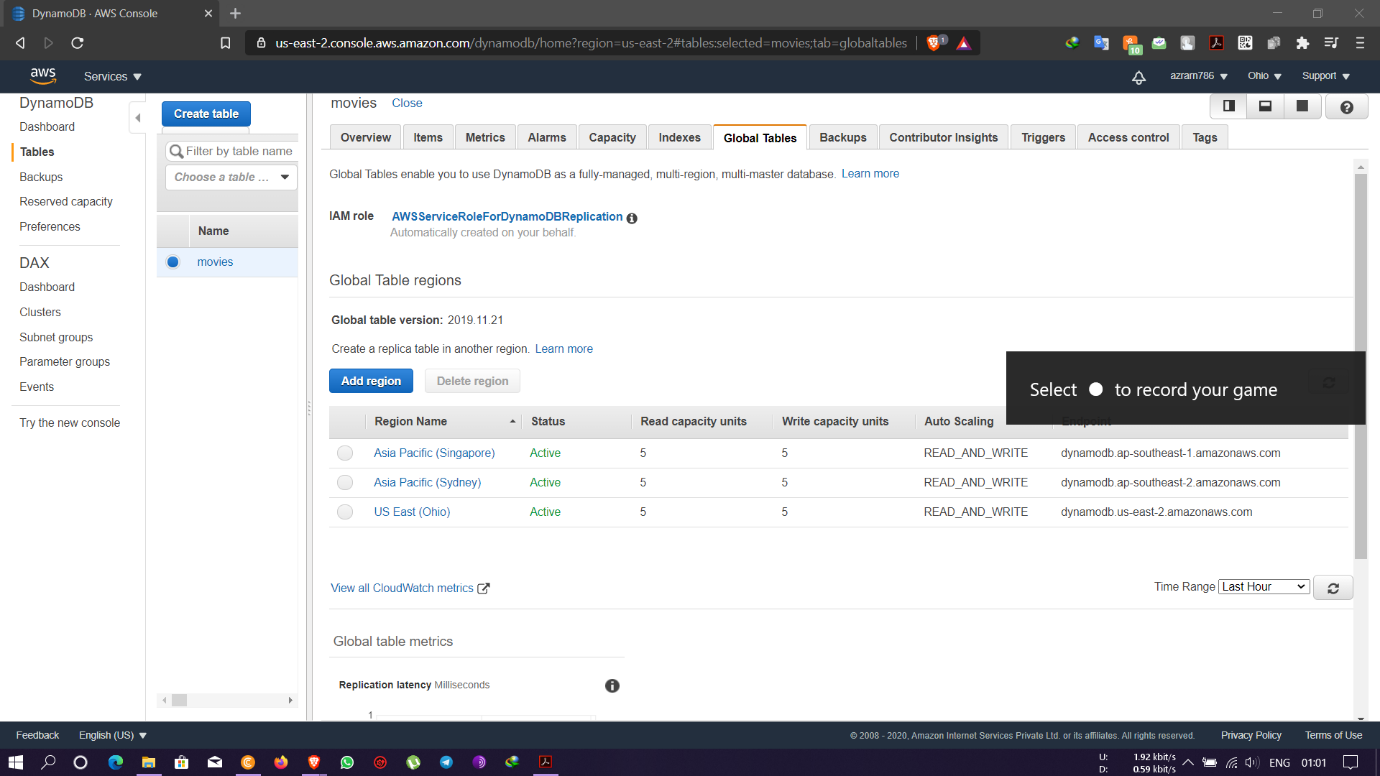


**Question 2:**

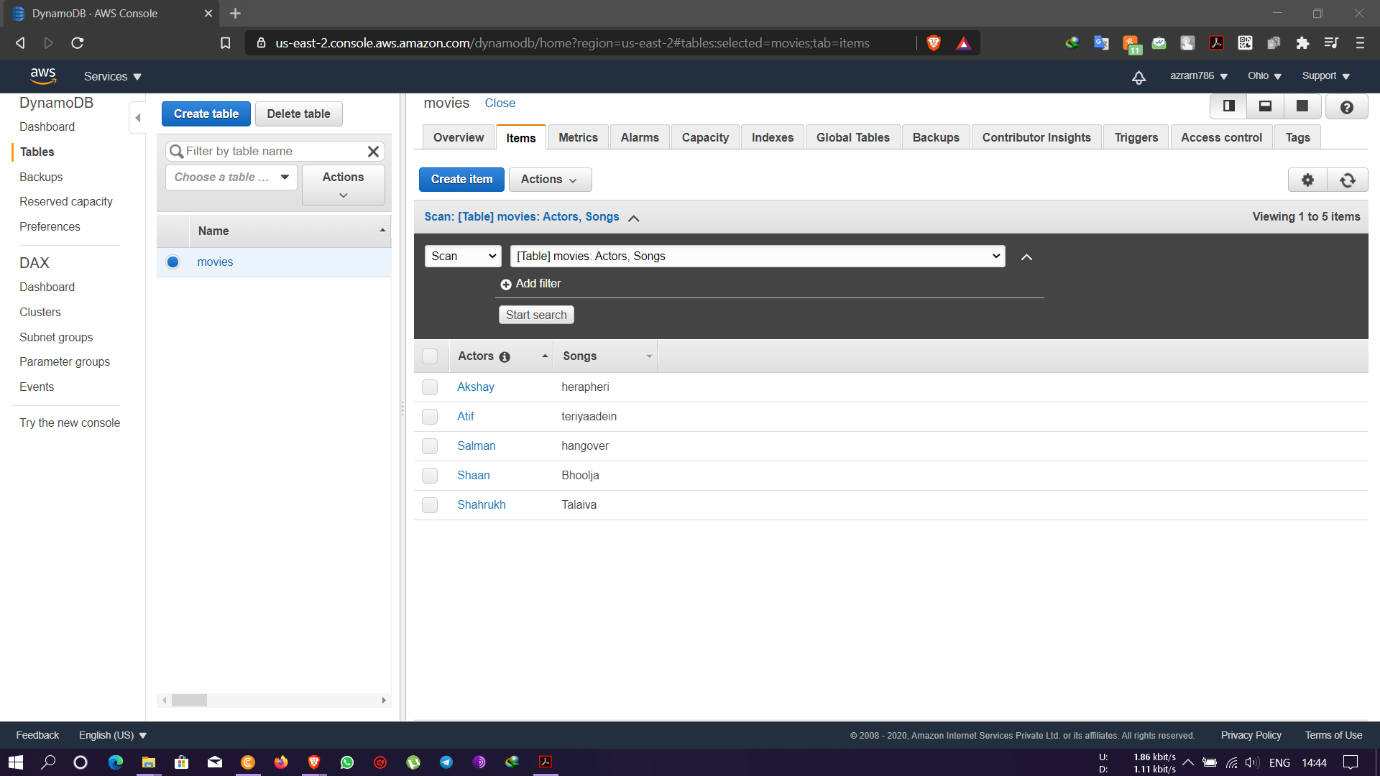
Task 1: Create a dynamo db table with minimum two disaster recovery zones and verify

replication.

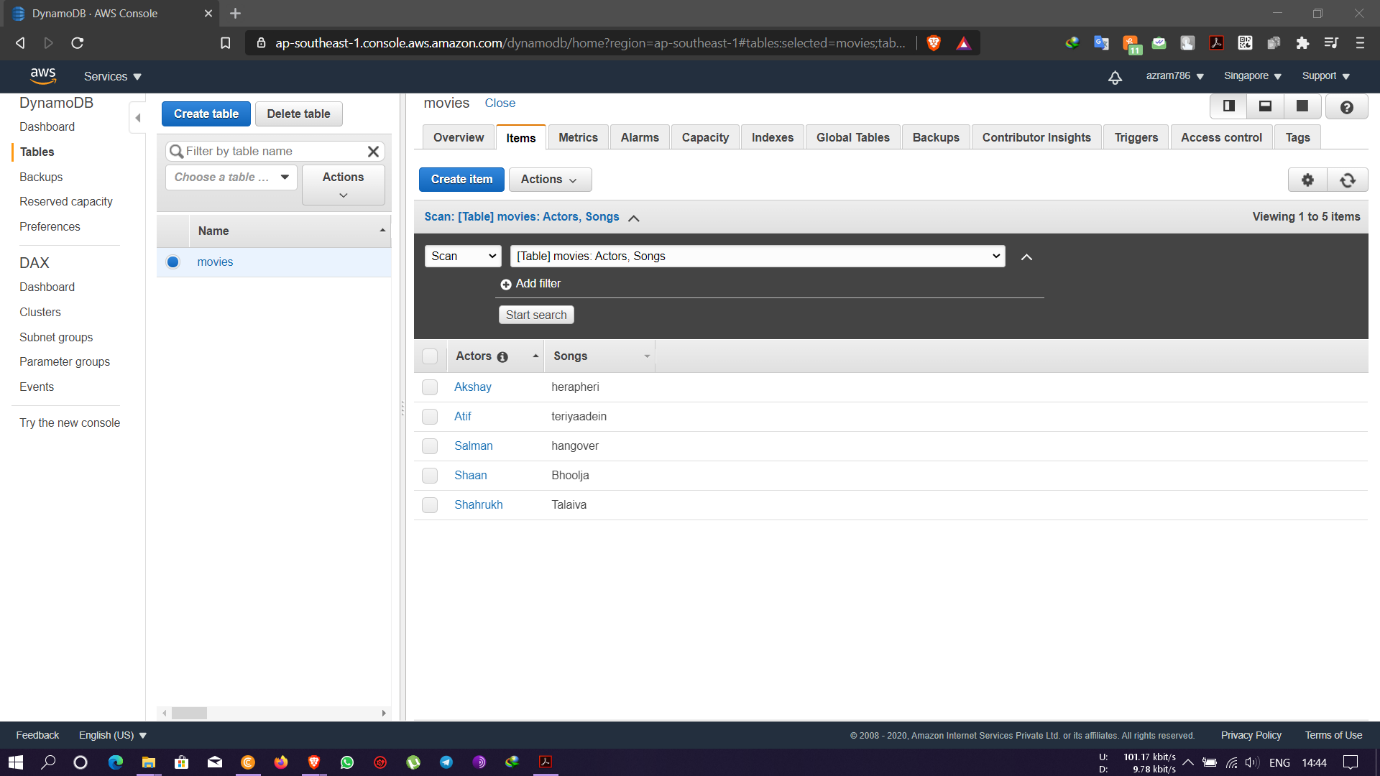
* Table created with name- movies and added two replica regions- Singapore & Sydney

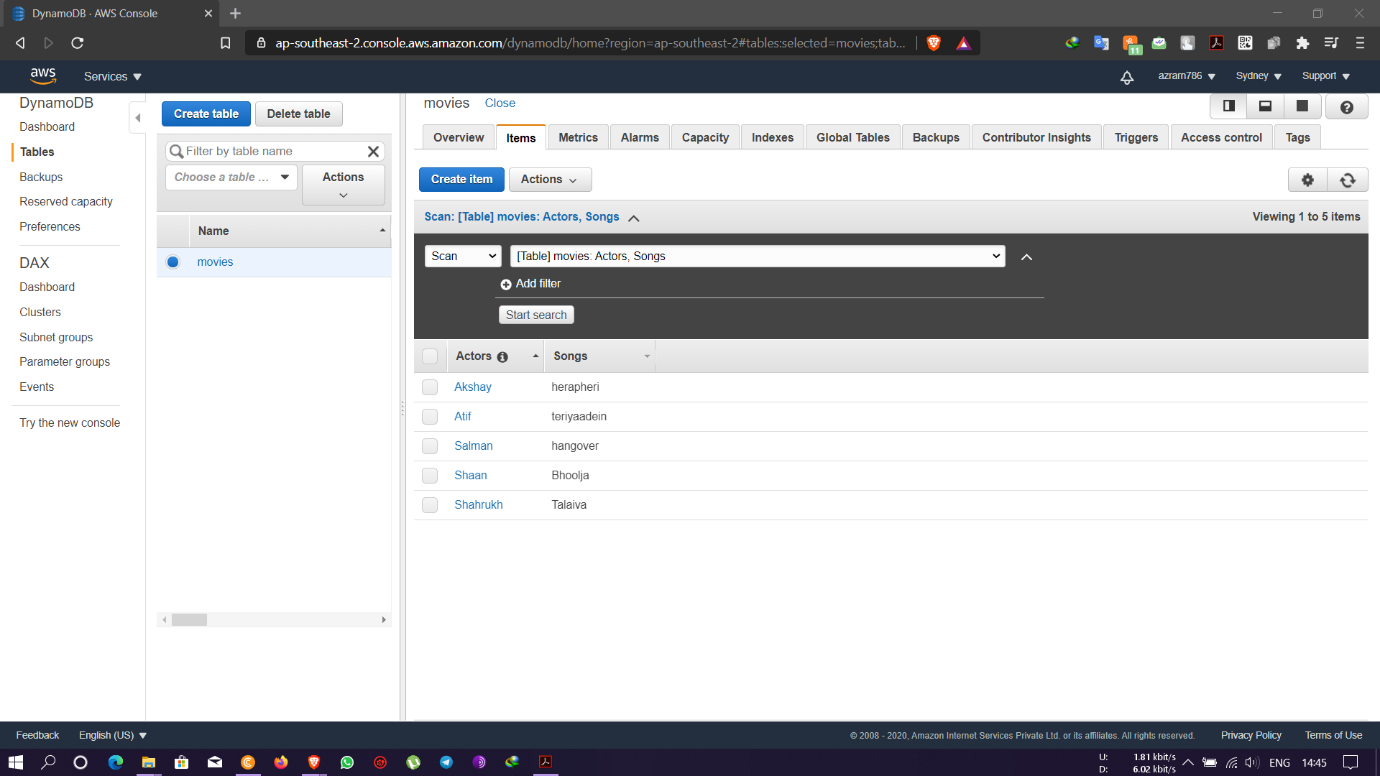


* Creation of items in the table

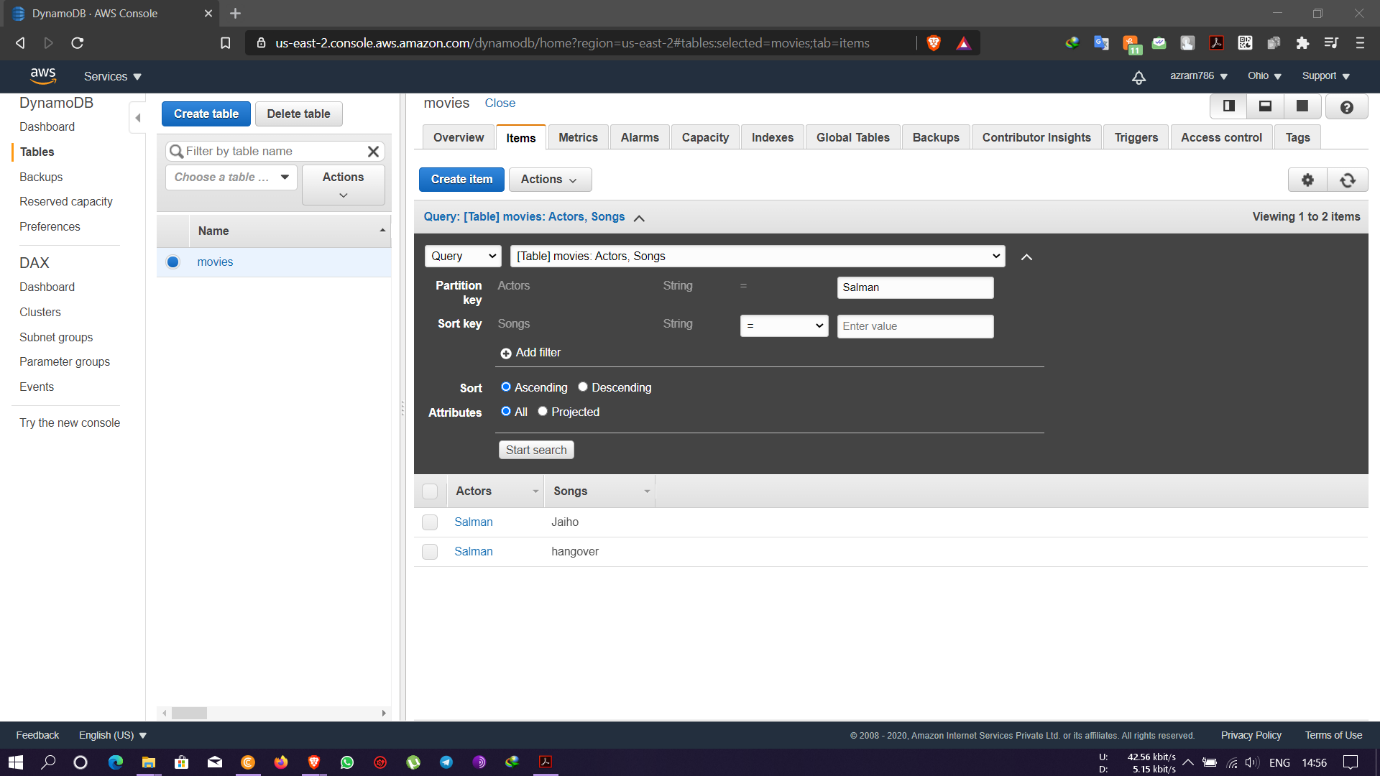


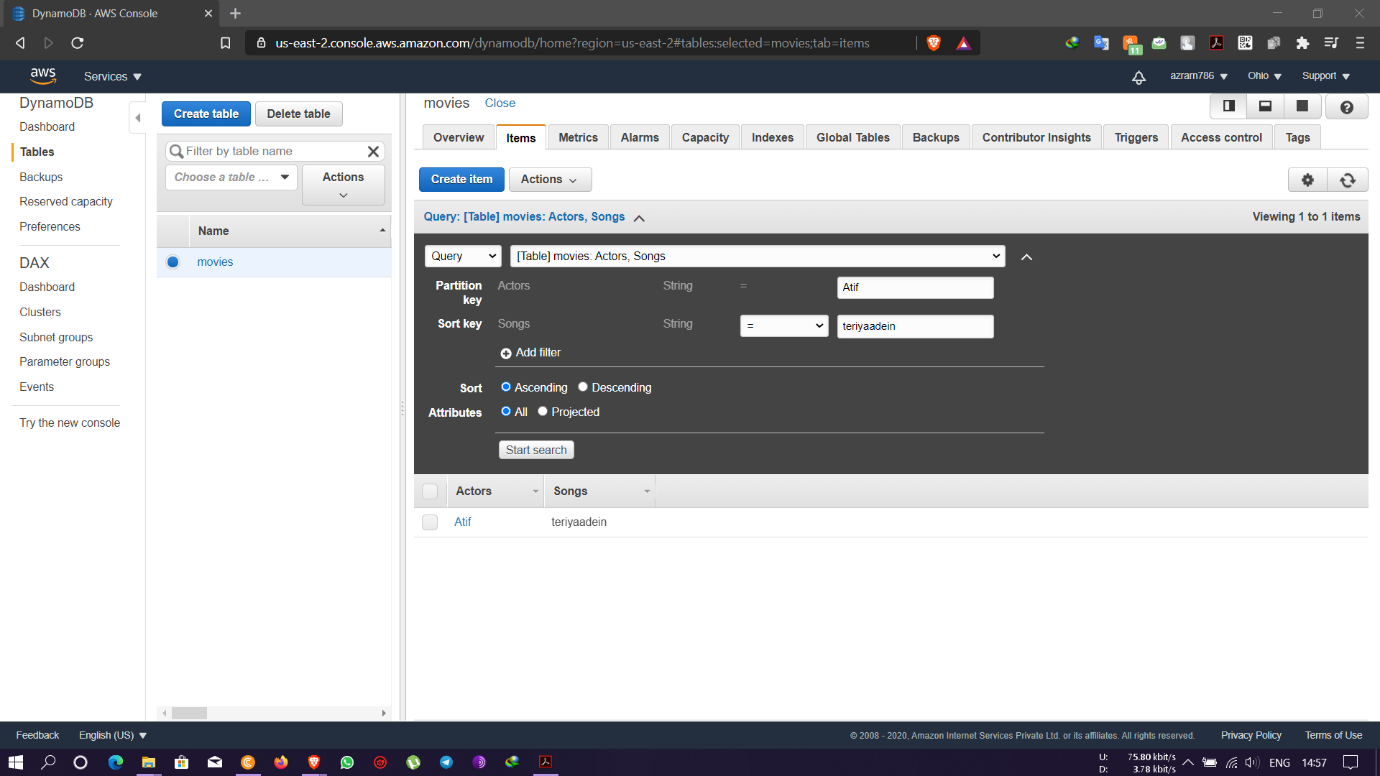
* Replica of items in Singapore and Sydney region



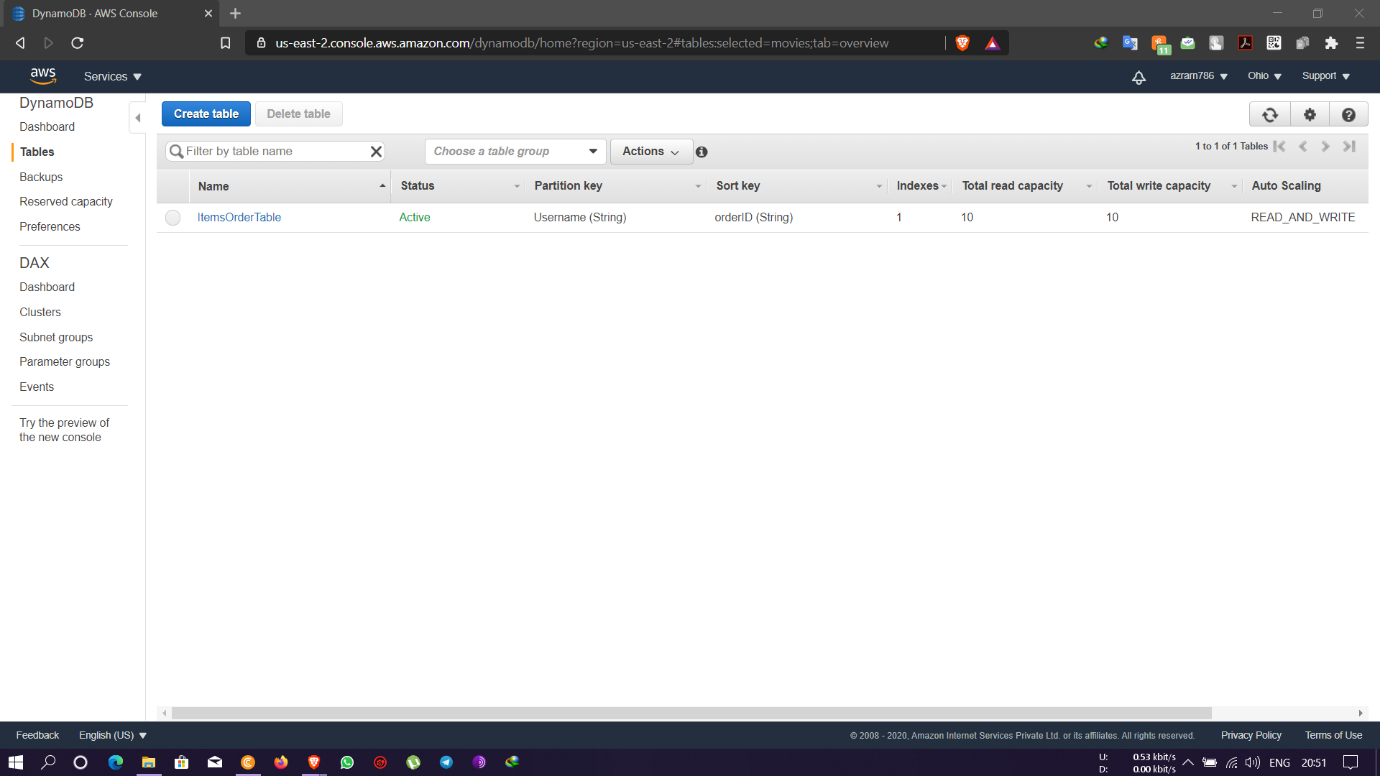


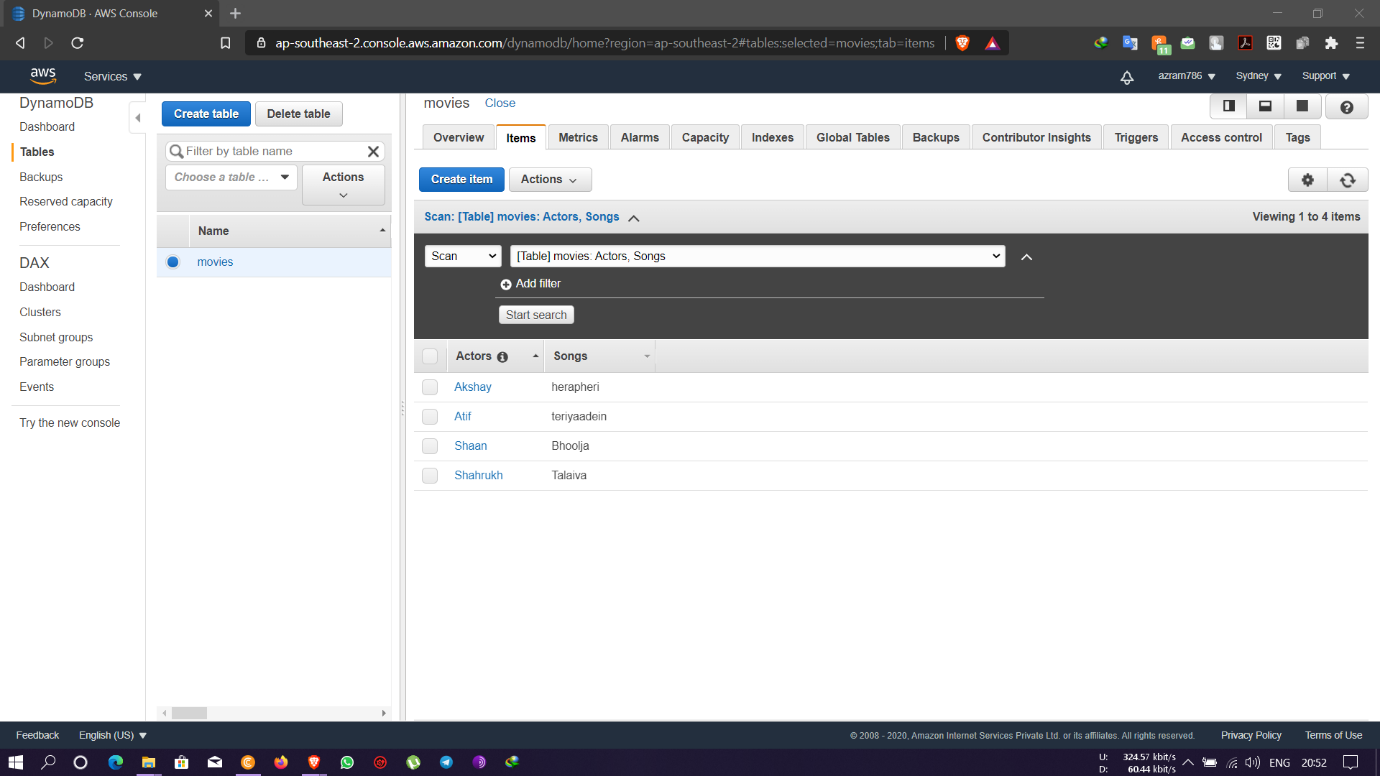
* Search query of different items in the table

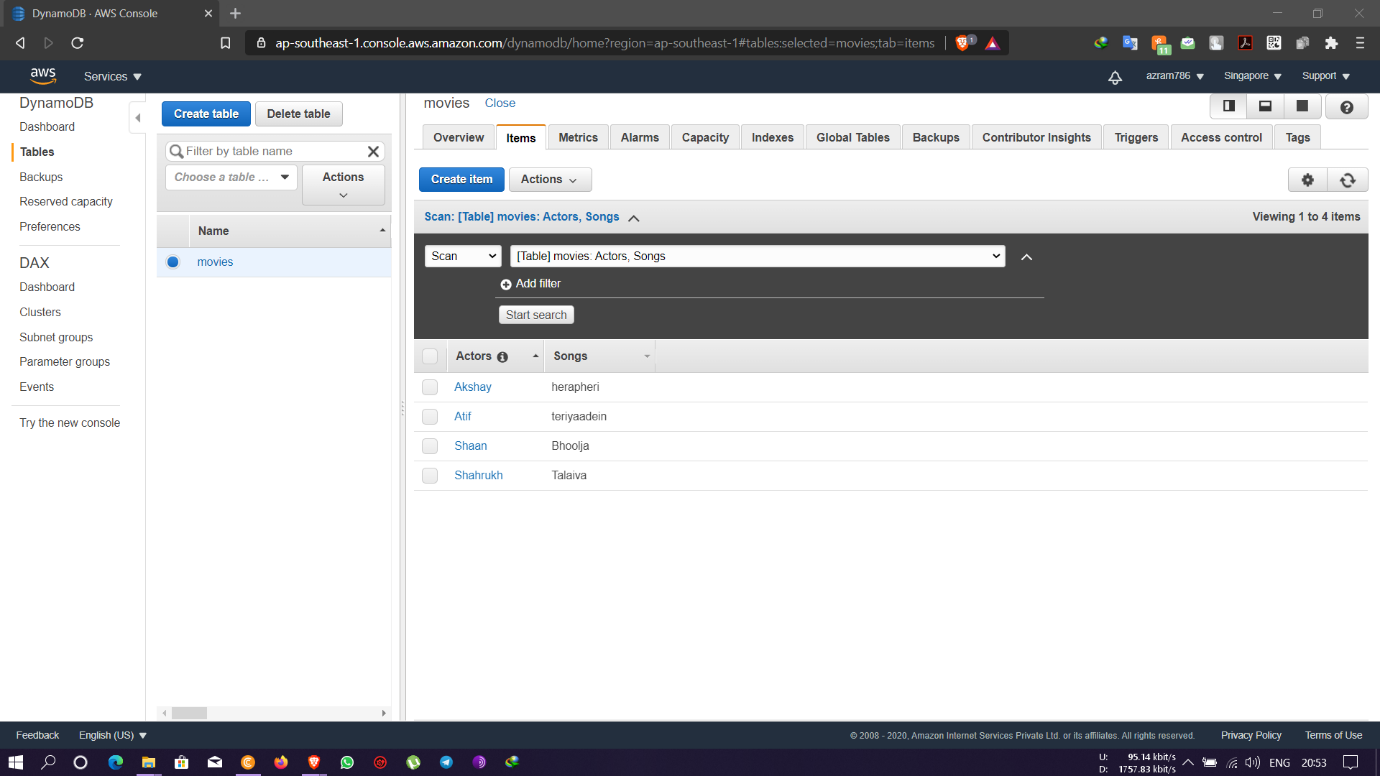




* Deletion of items from the main region – Ohio region gets deleted but in the replica regions the data are intact



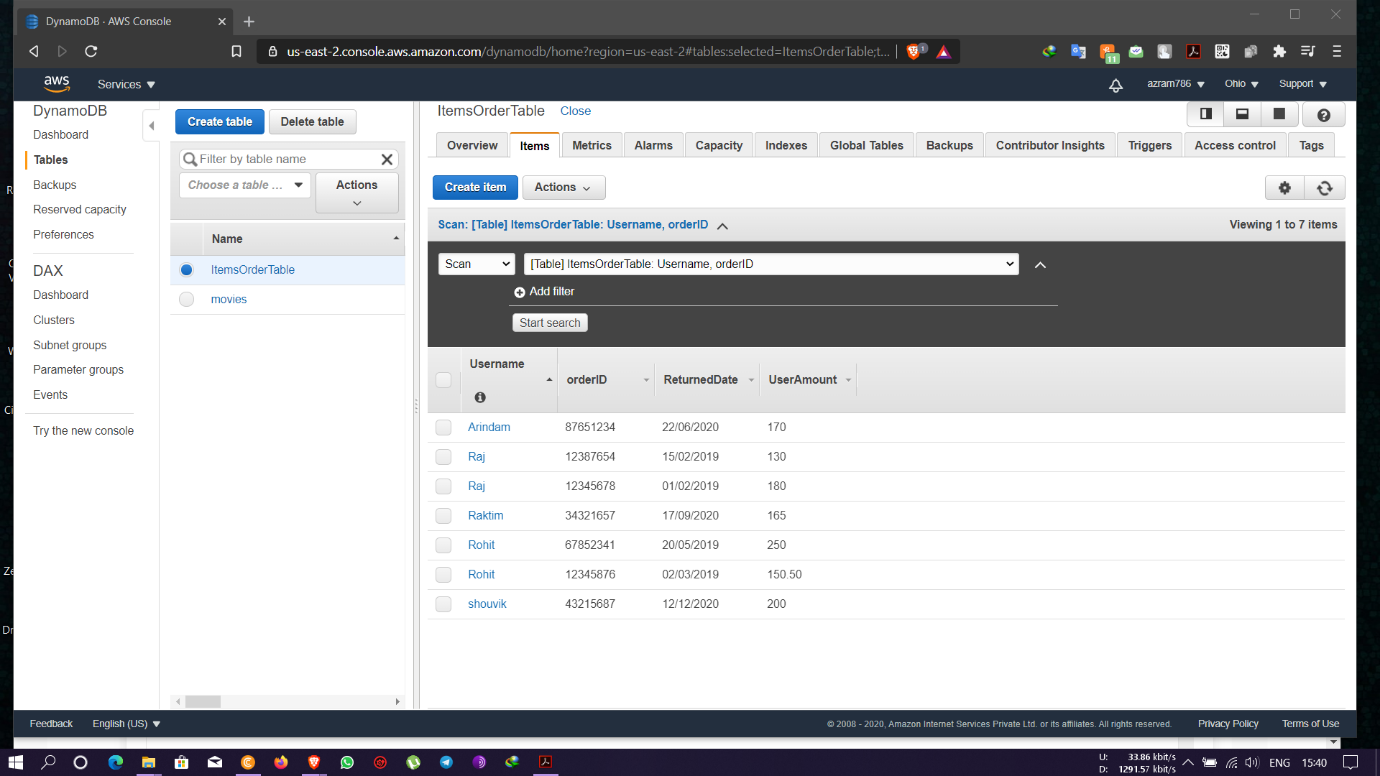




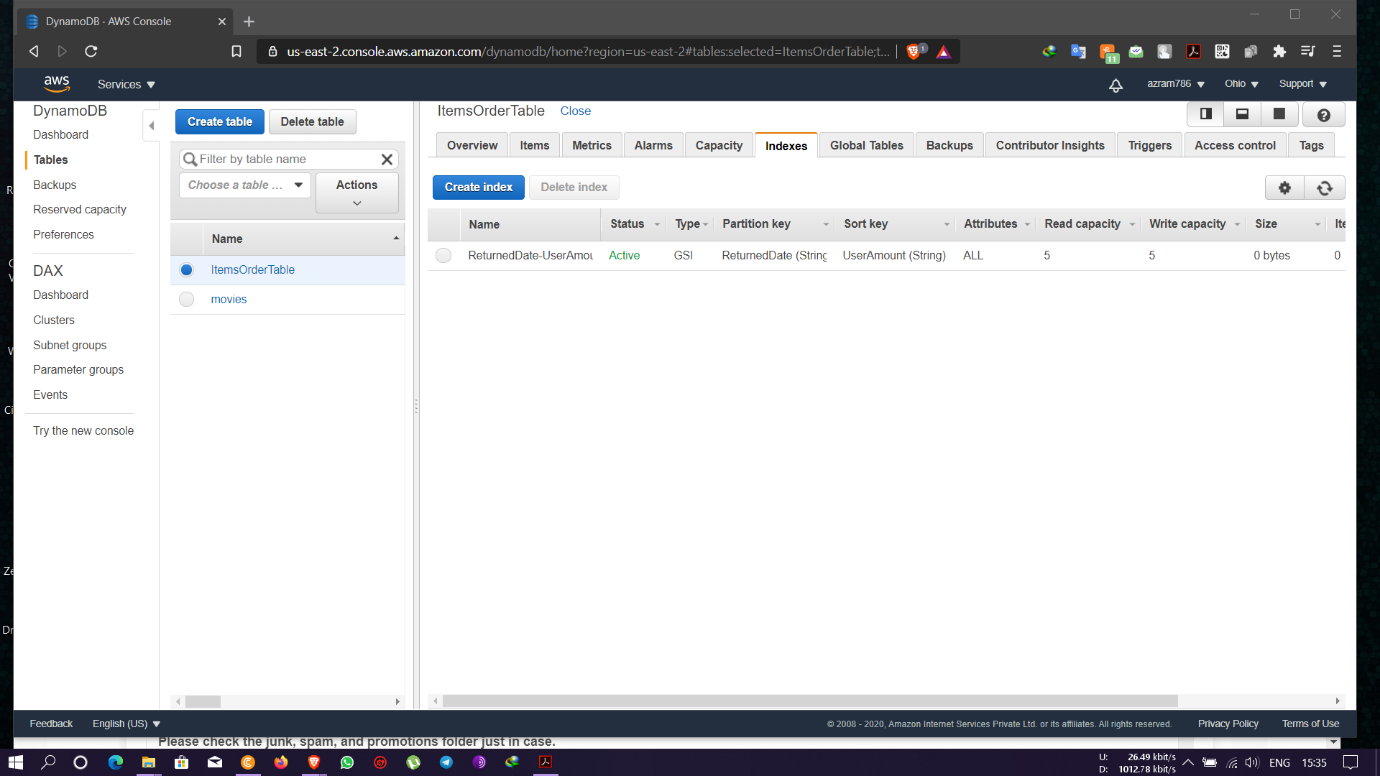
Task 2: Creating a dynamo DB table with global secondary indexes and fetching data using global

secondary indexes.

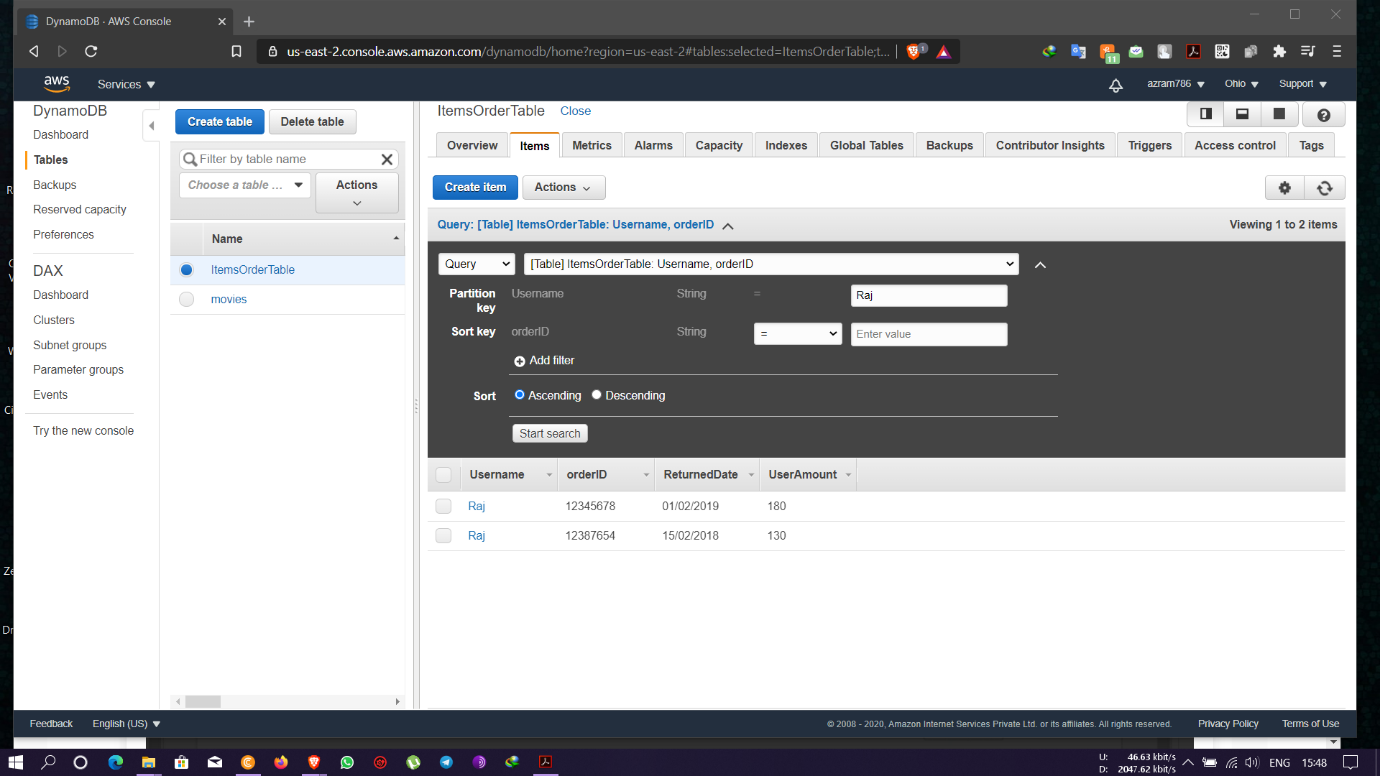
* Table created with name- ItemsOrderTable and list of items are added to it

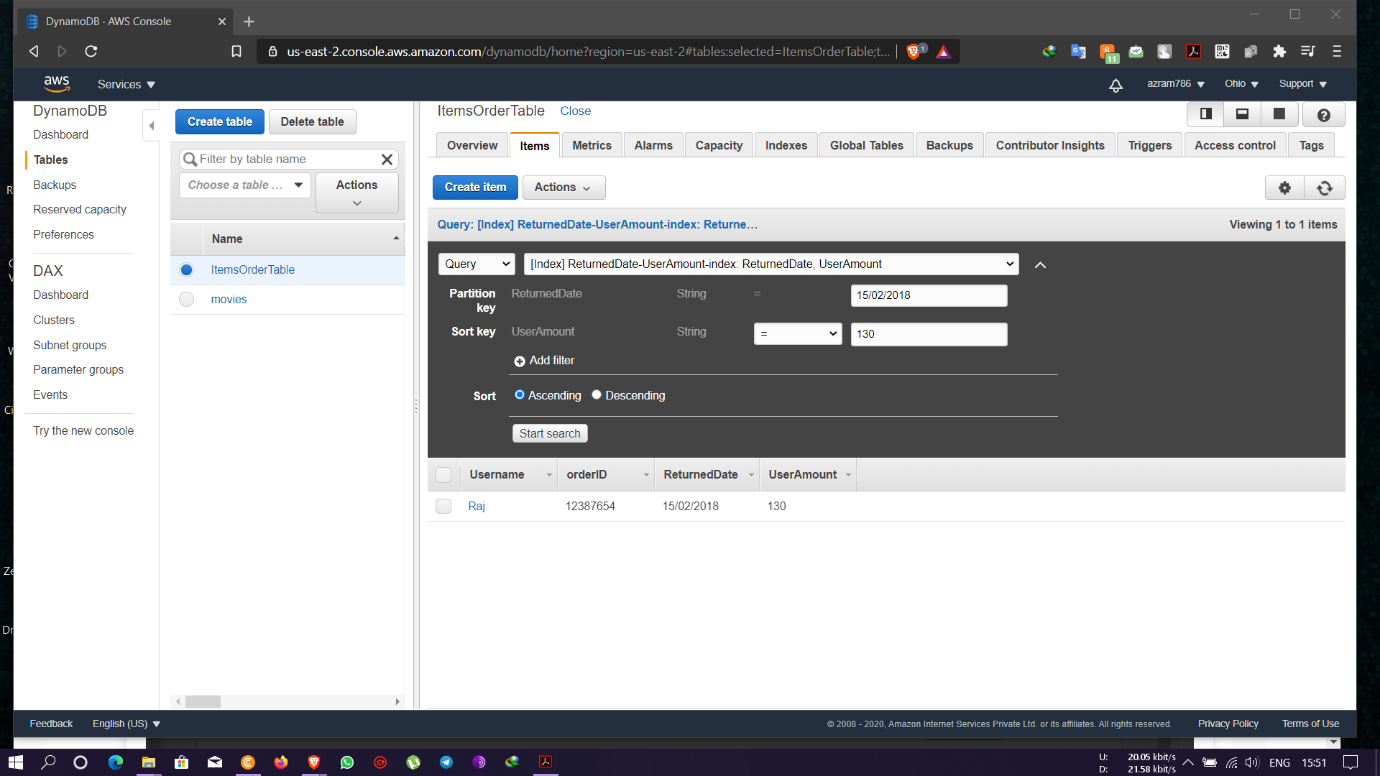


* Creation of GSI Index

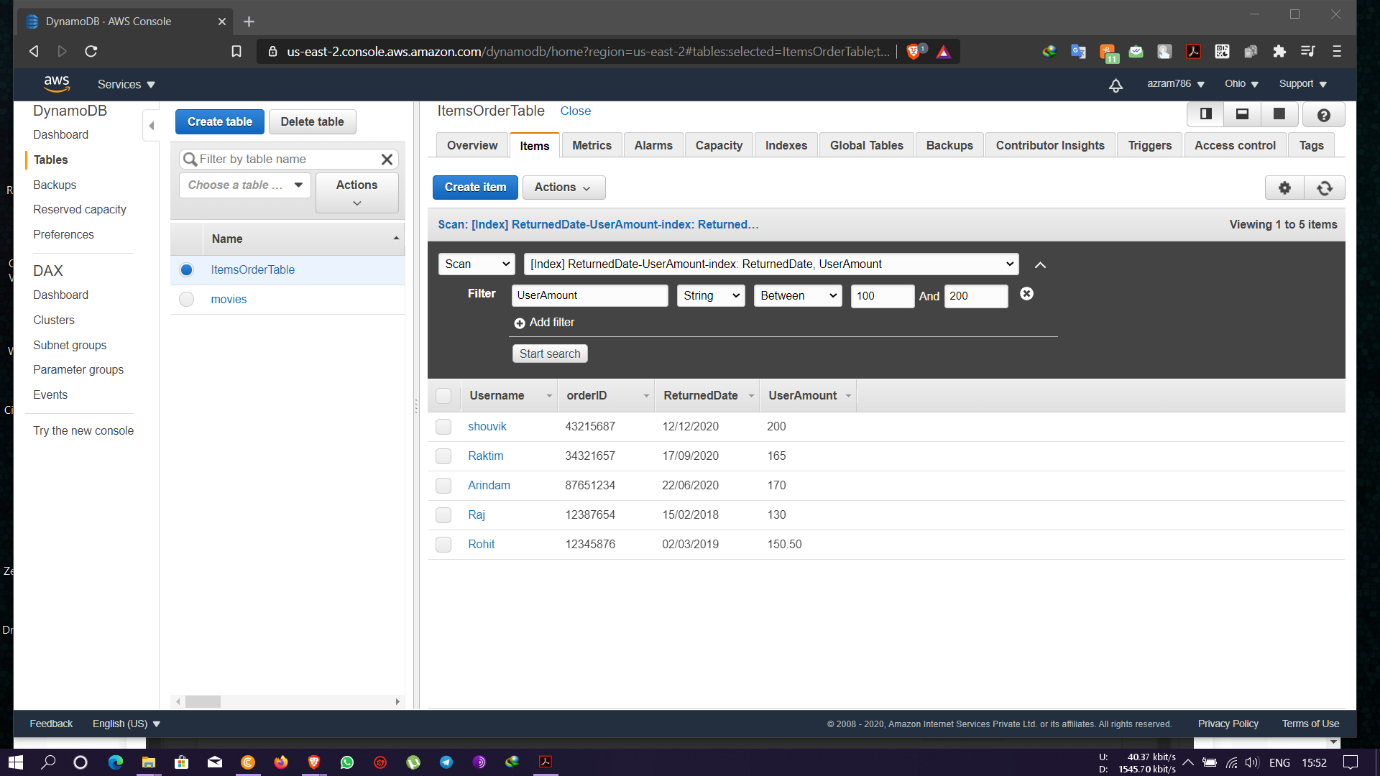


* Search query placed based on GSI index to find different items as required



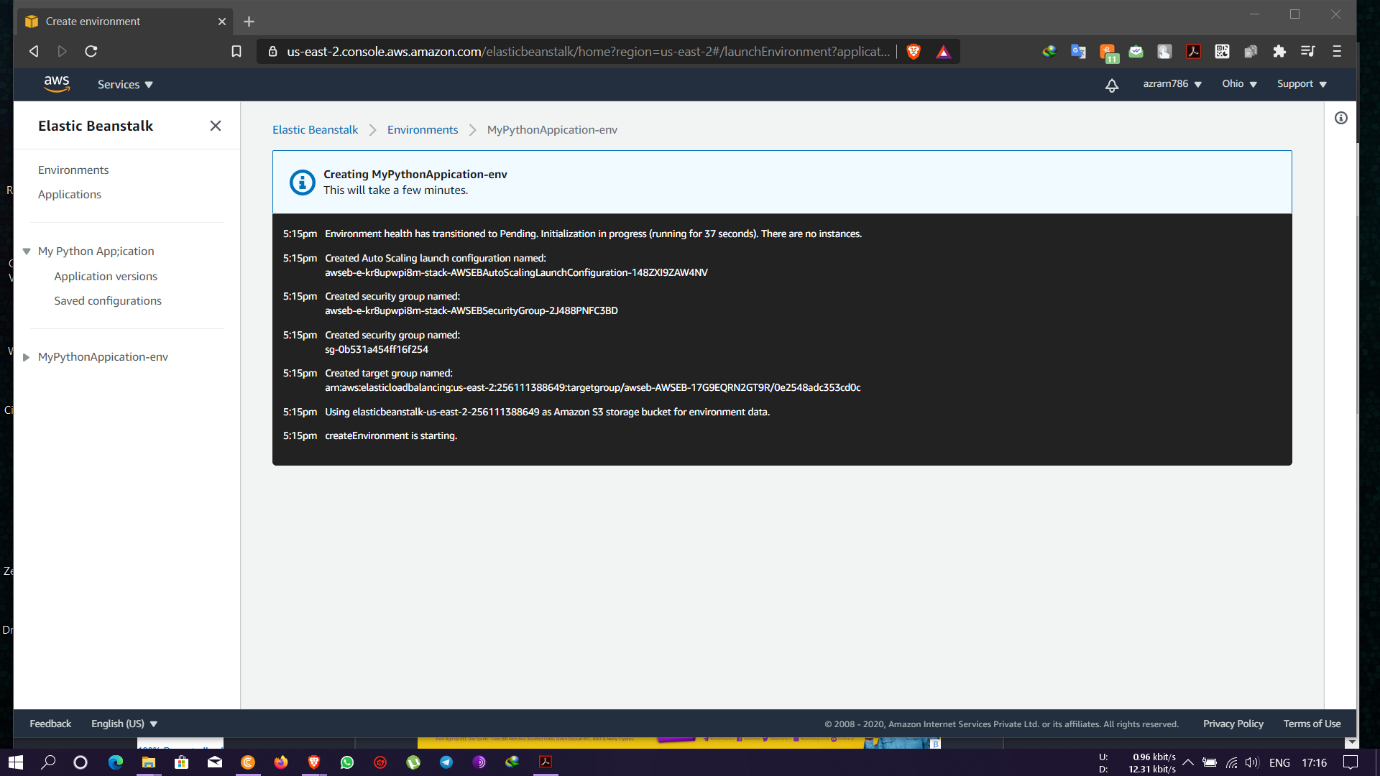


* Scan of items based on GSI index to find different items as required

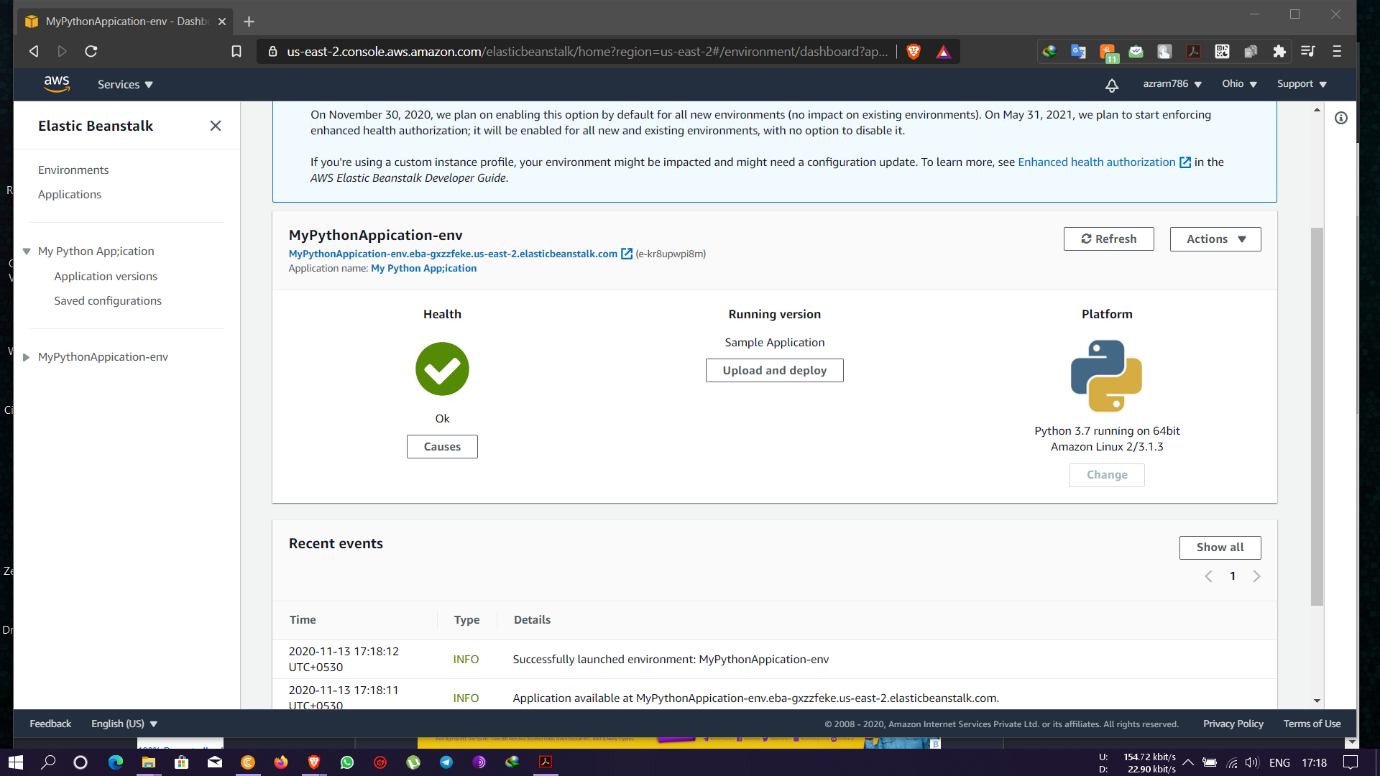


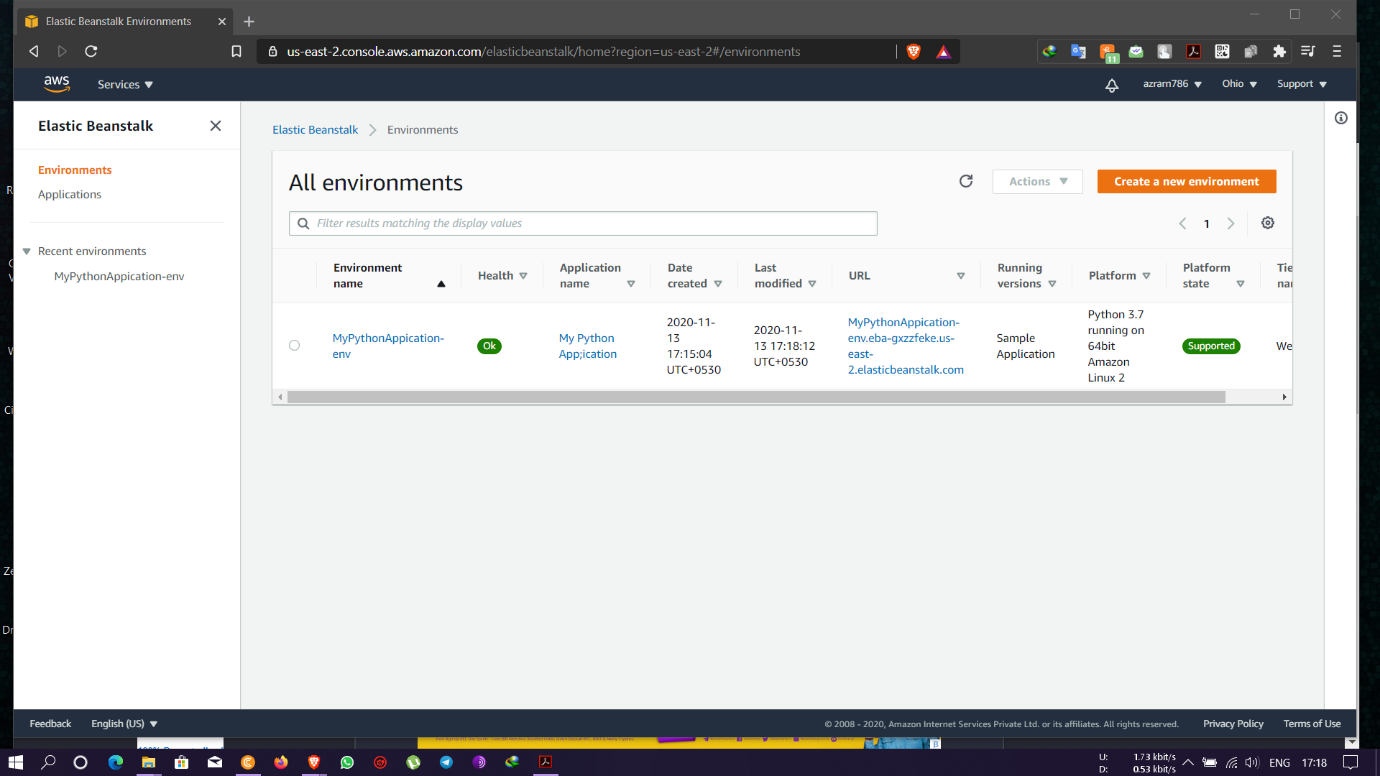
Task 3: Deploying a python application in elastic beanstalk

* Python application creation



* Environments health status page





* Web page launched using the elastic beanstalk environment

