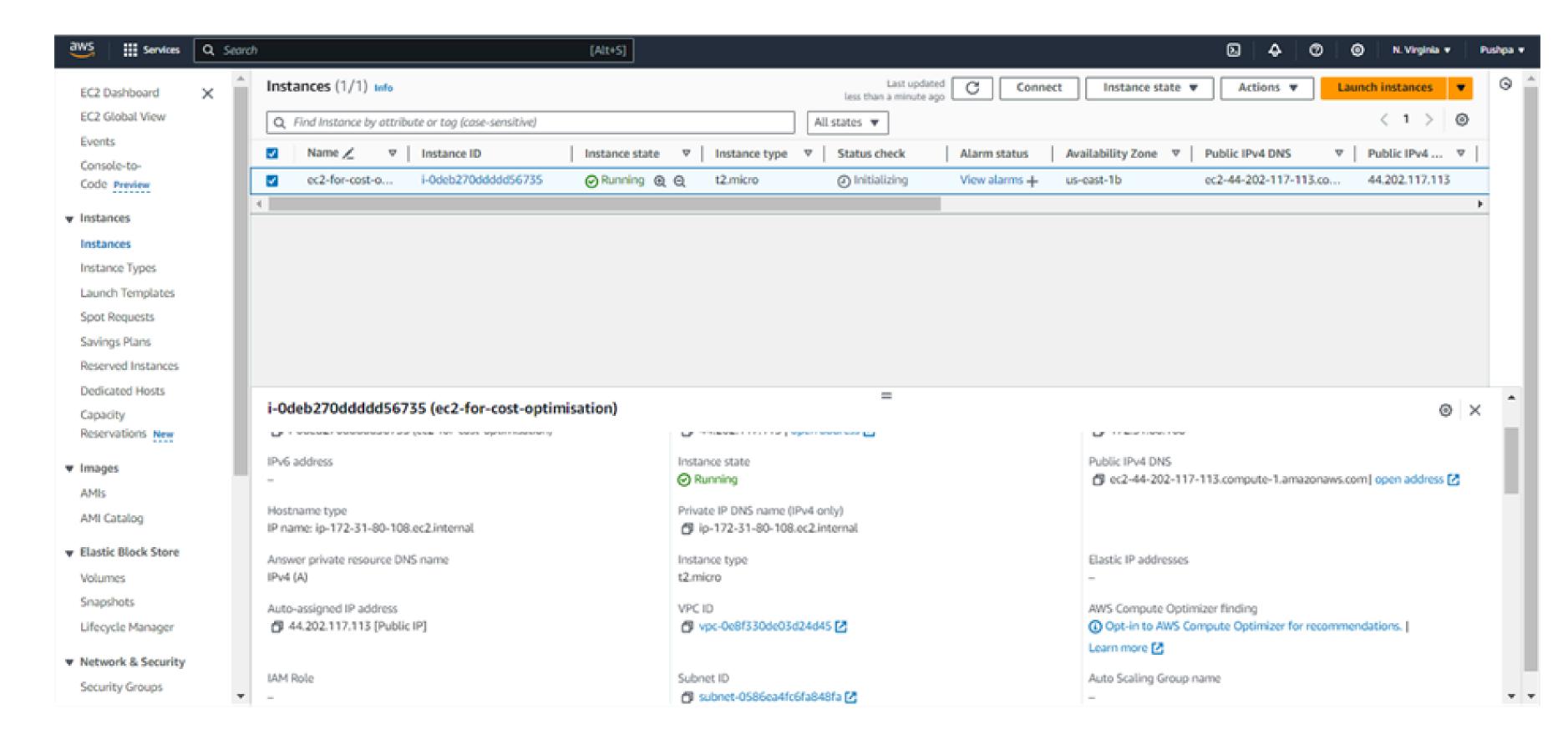
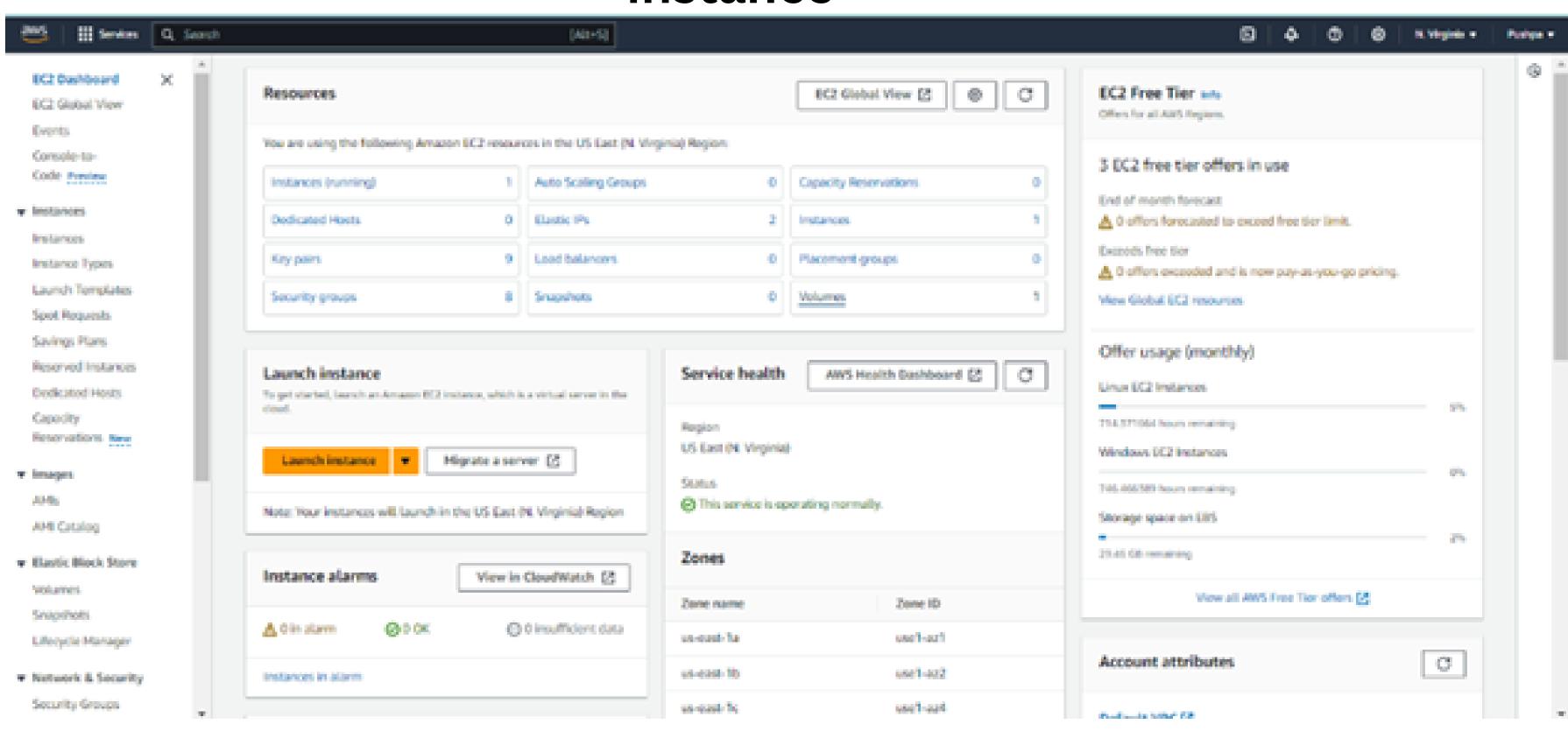
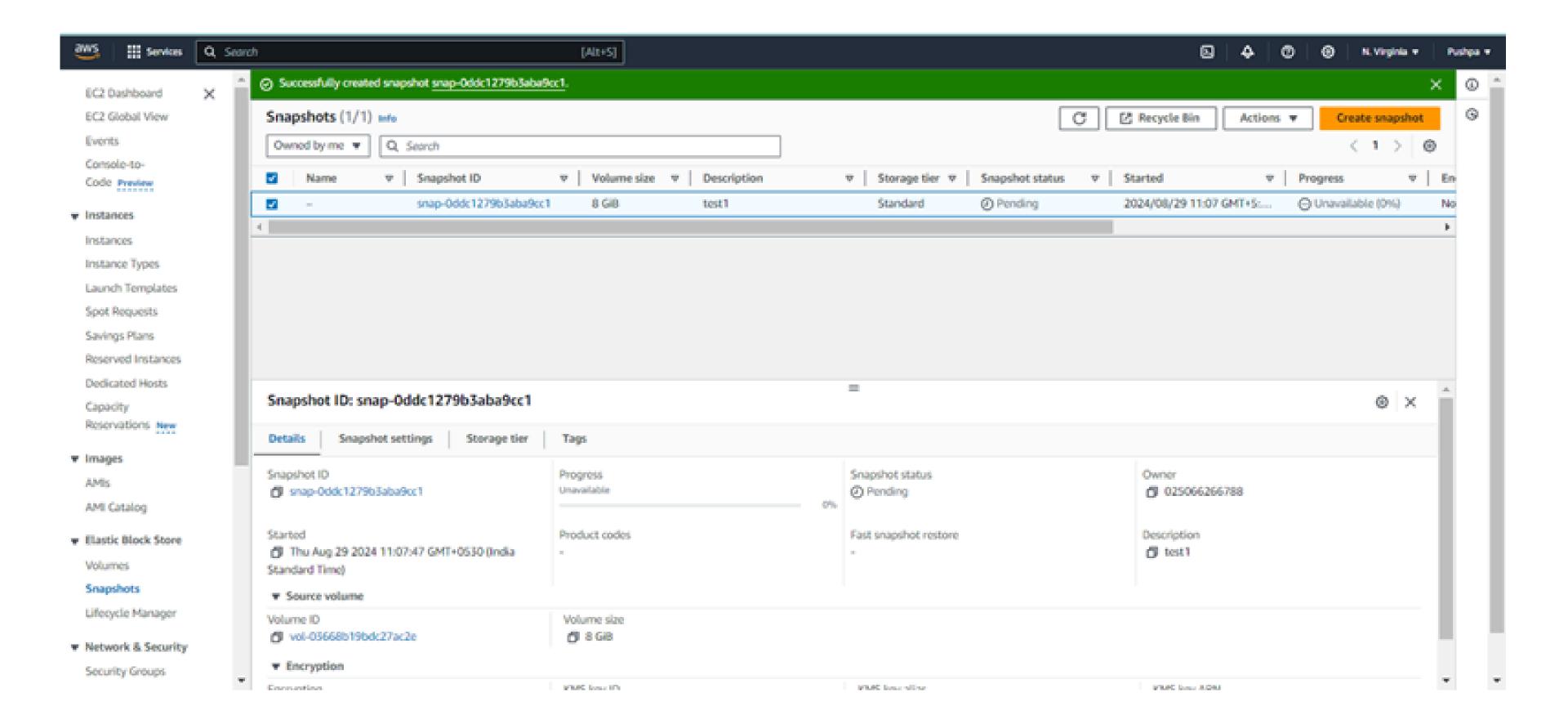
1.create an ec2 instance

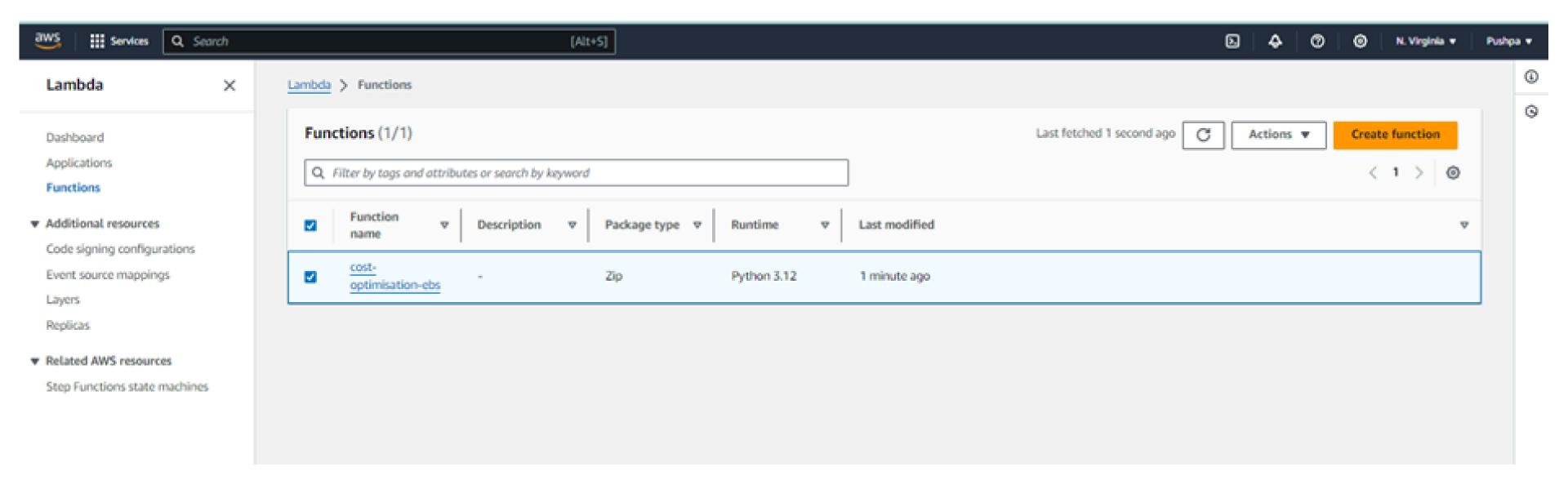


2. No snapshots are there so, create one snapshot to that instance

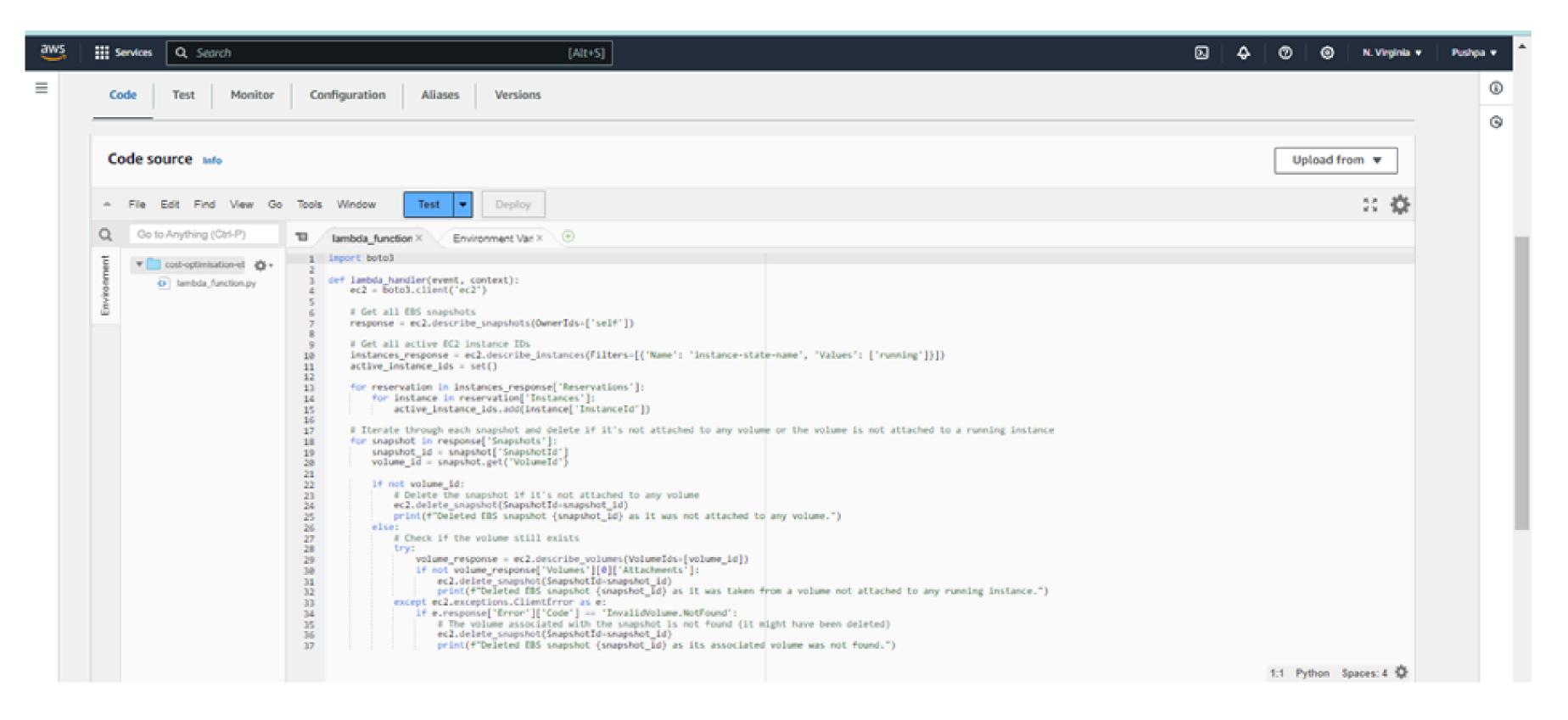




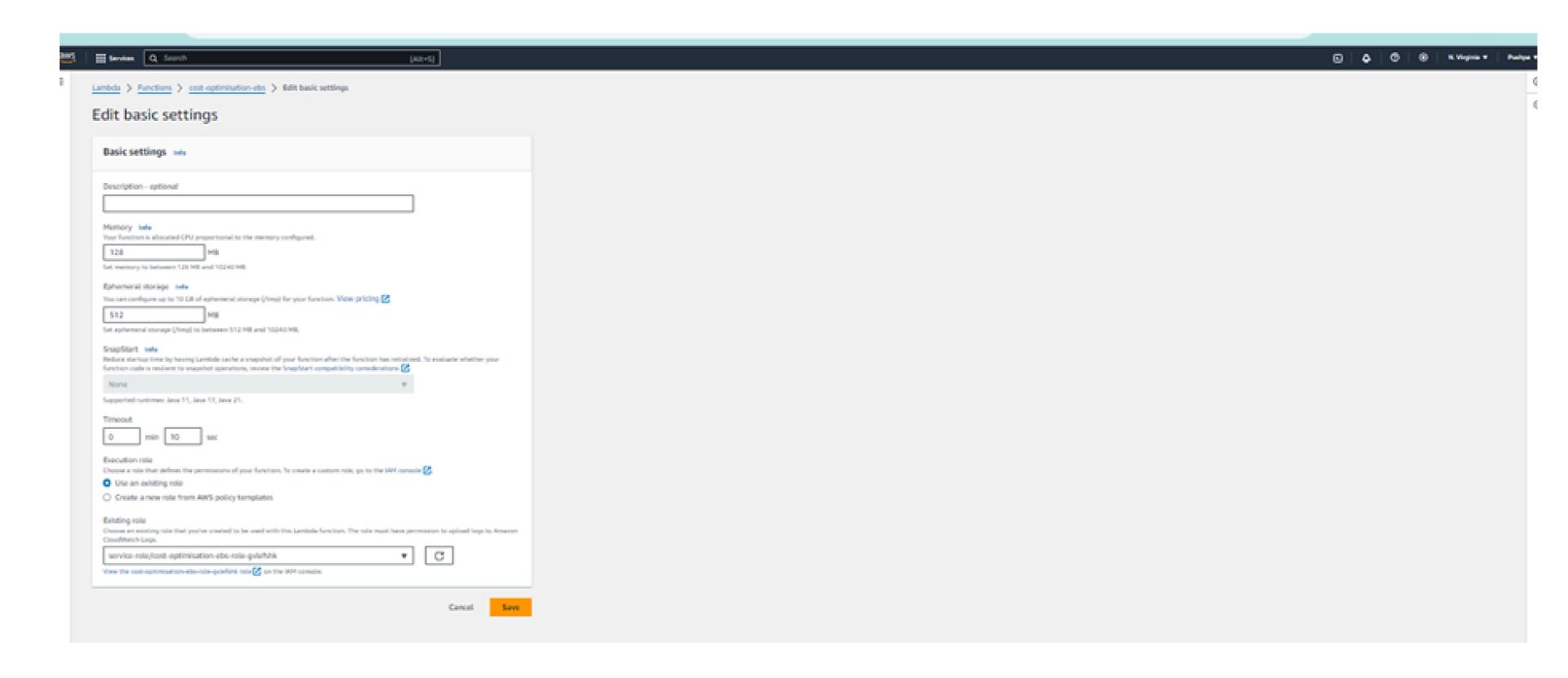
3. Create a lambda function using python script deploy it and test it



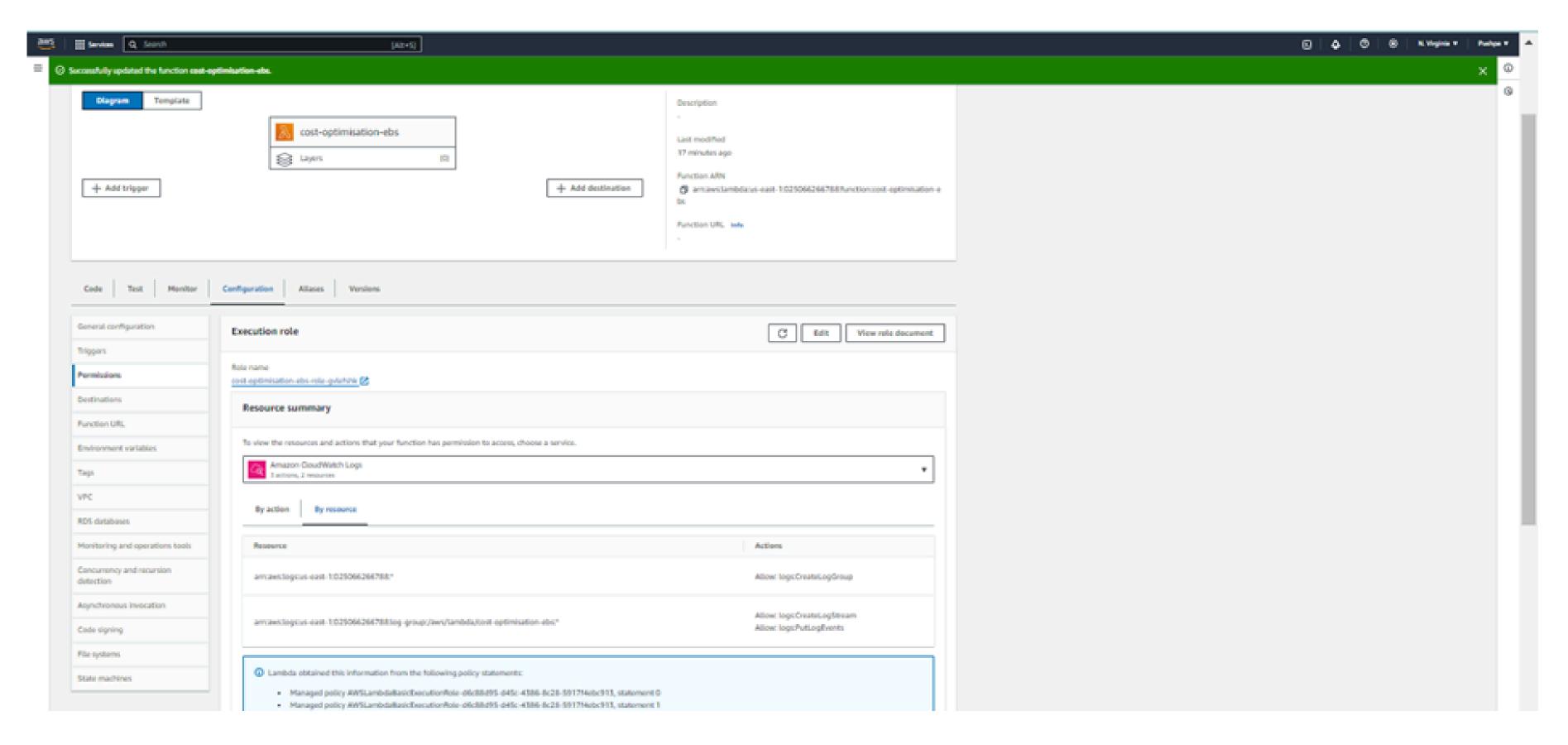
-Default execution time for lambda is "3 seconds " -So it will fail asking describe snapshots



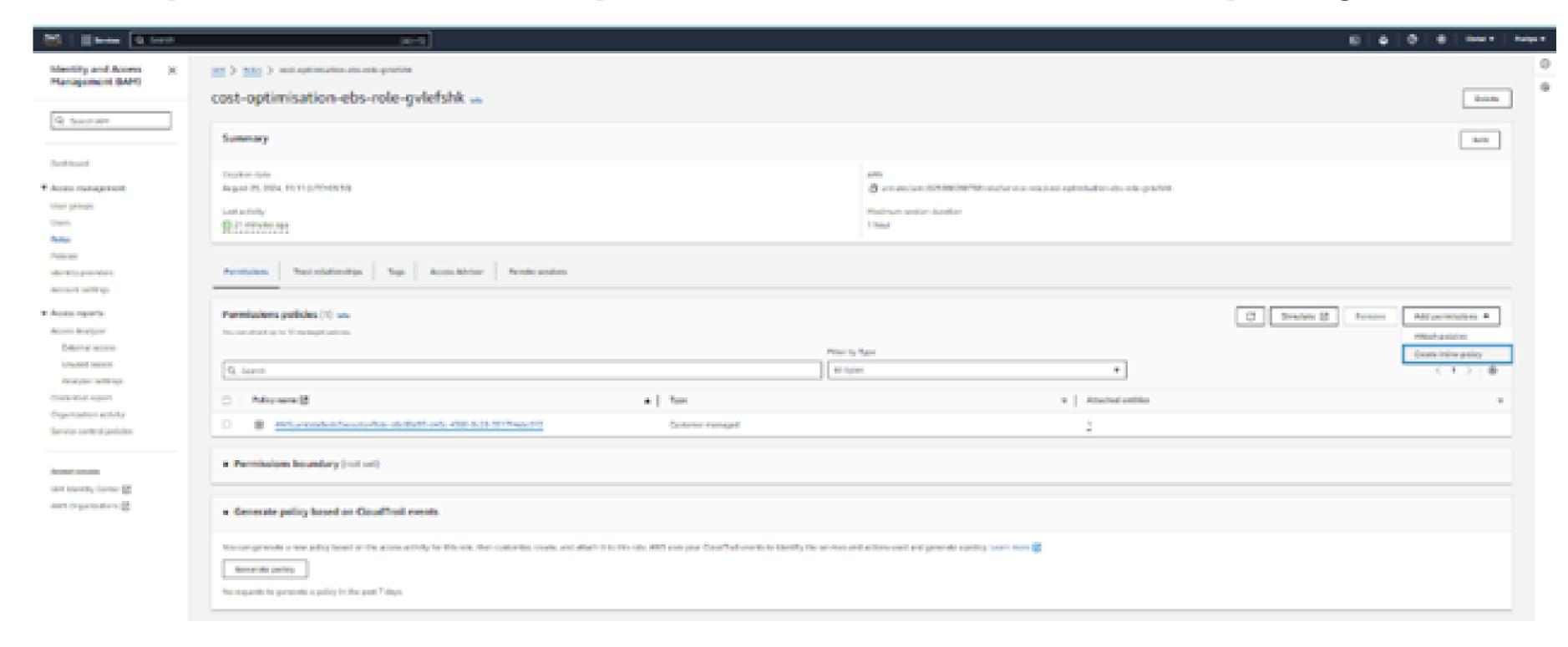
4. go to configuration > edit > increase timeout = 10 sec > save



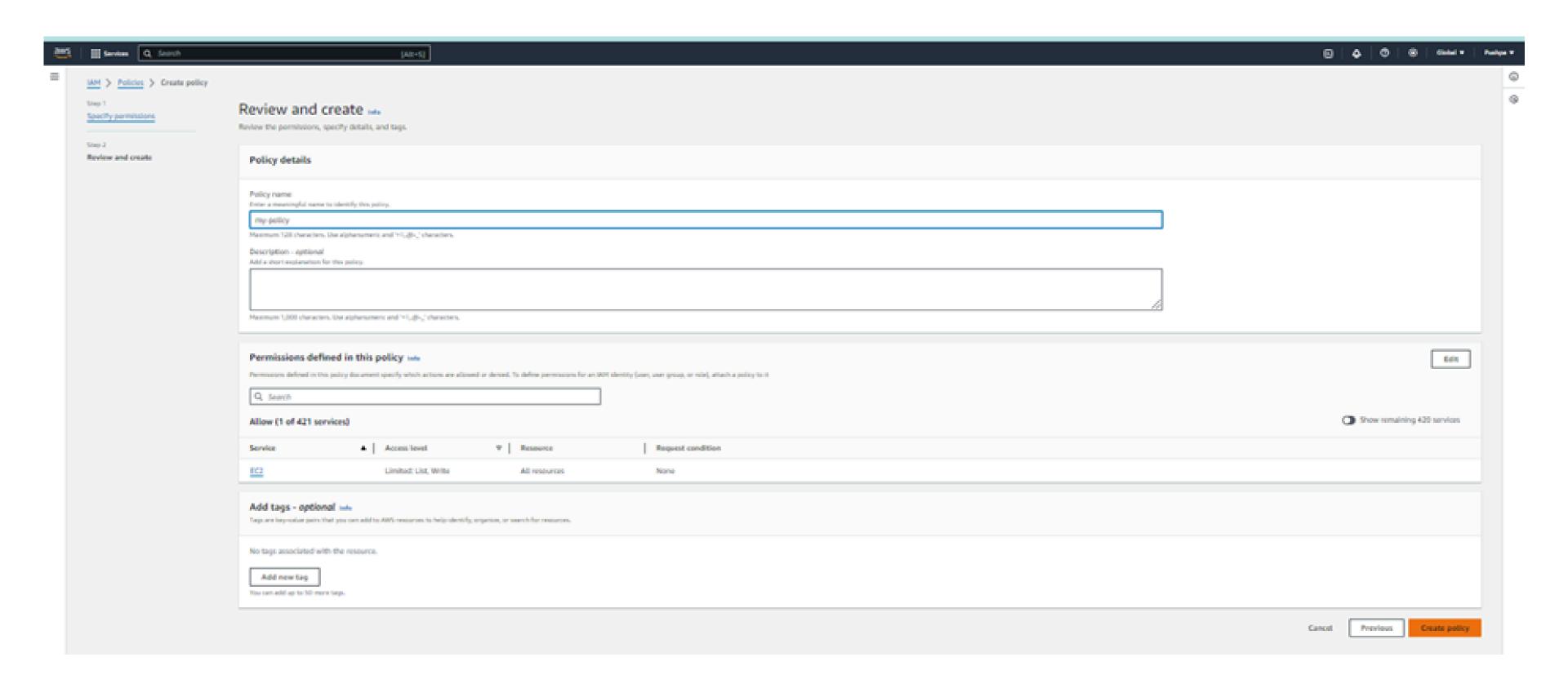
5.Now we have to give permissions to it for that goto configuration > permissions > role name > Now add permissions

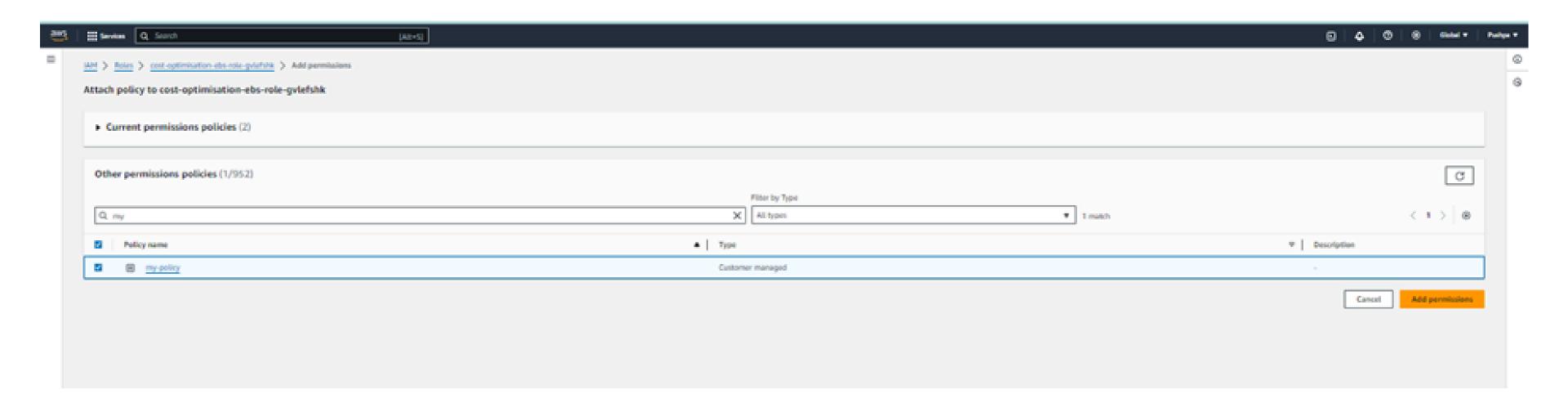


6 In permissions > add permissions > create inline policy

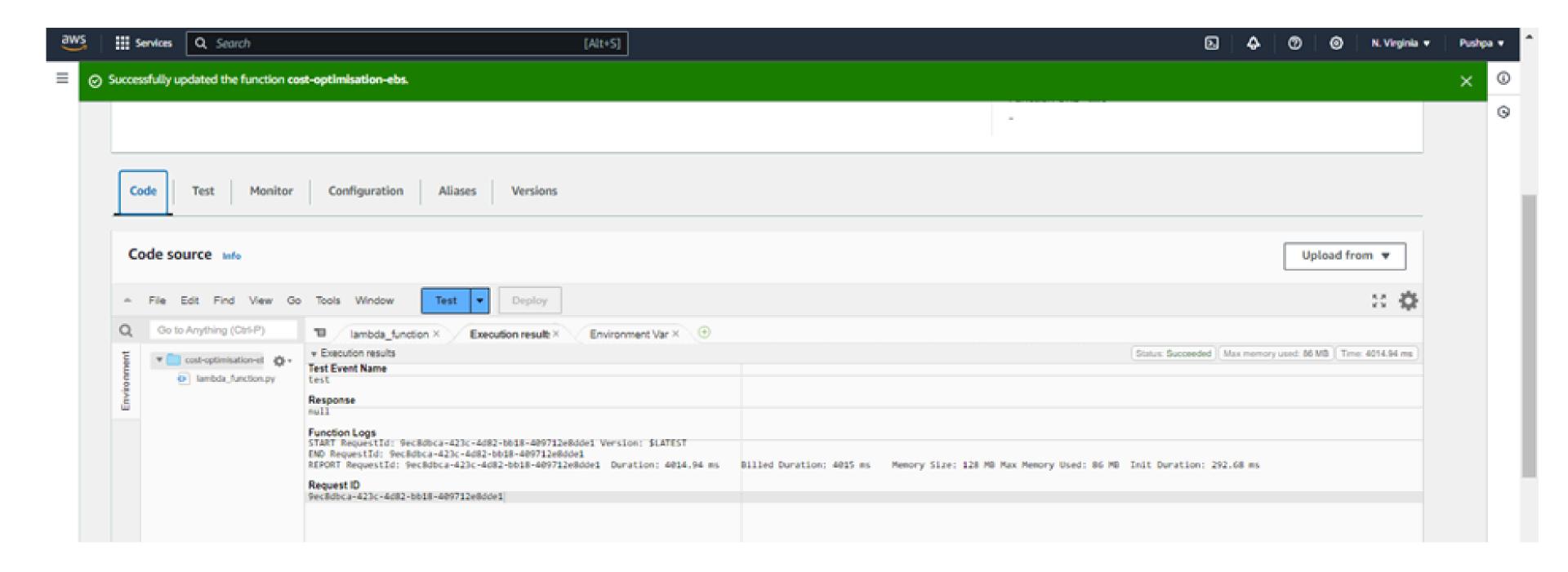


-policies to be attached : Describe snapshots, Delete snapshots, Describe instances , Describe volumes ,we can also give "all ec2 actions"

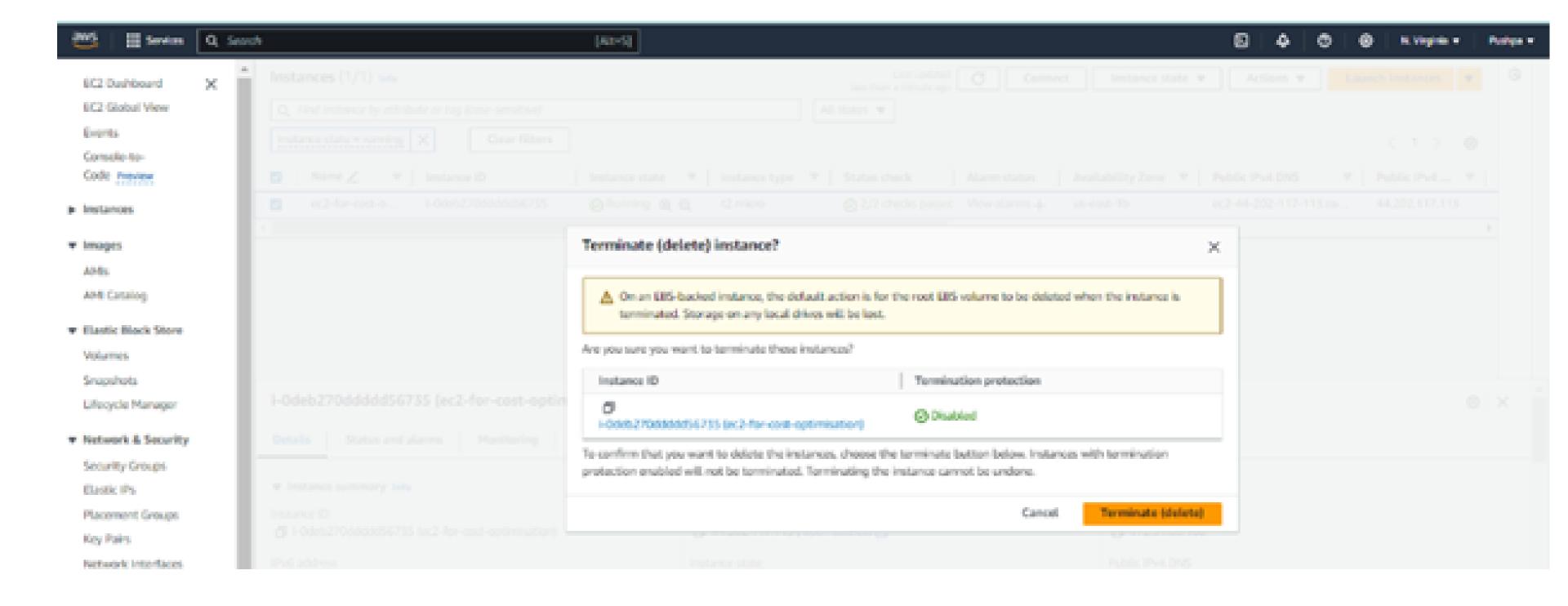


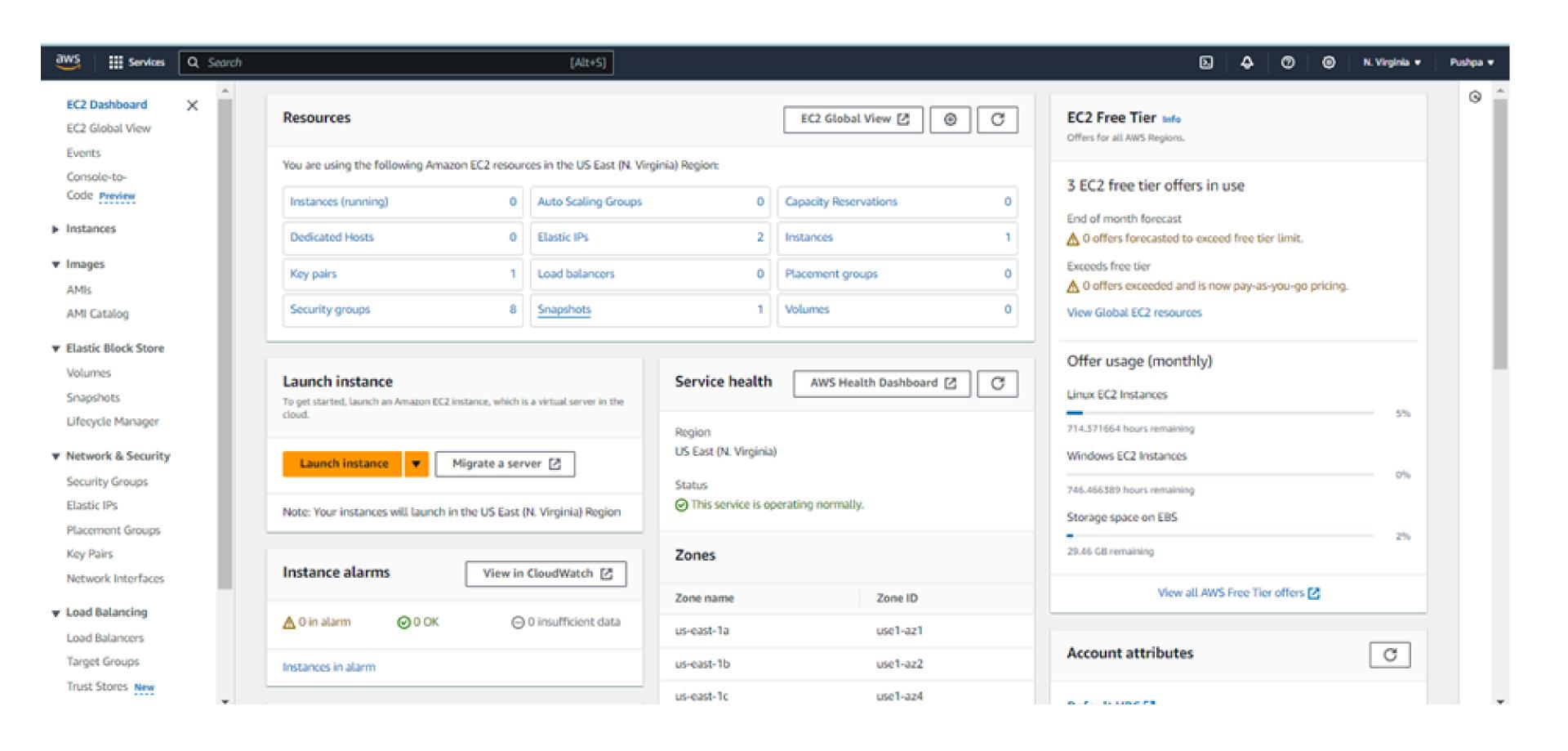


8 Now attach this policy to the role, no go to lambda and run it again

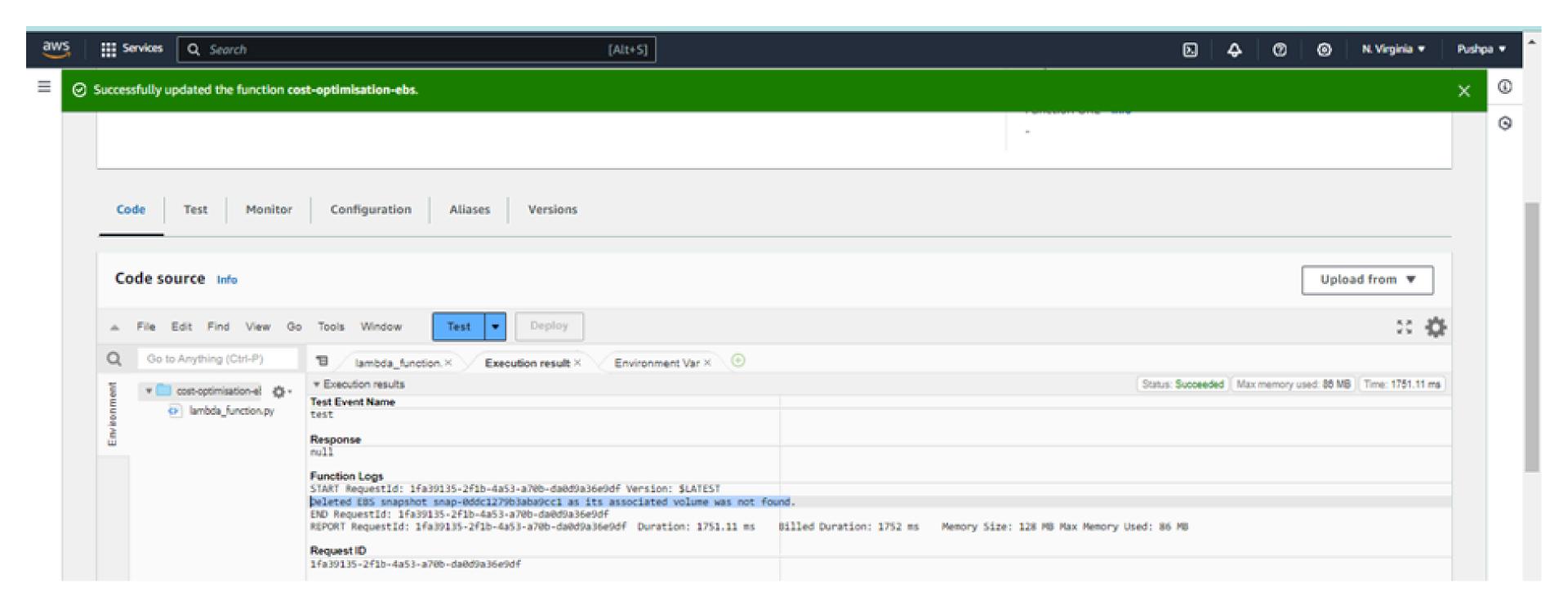


9 Now delete ec2 instance which will also delete volume as well ,but snapshot is still available

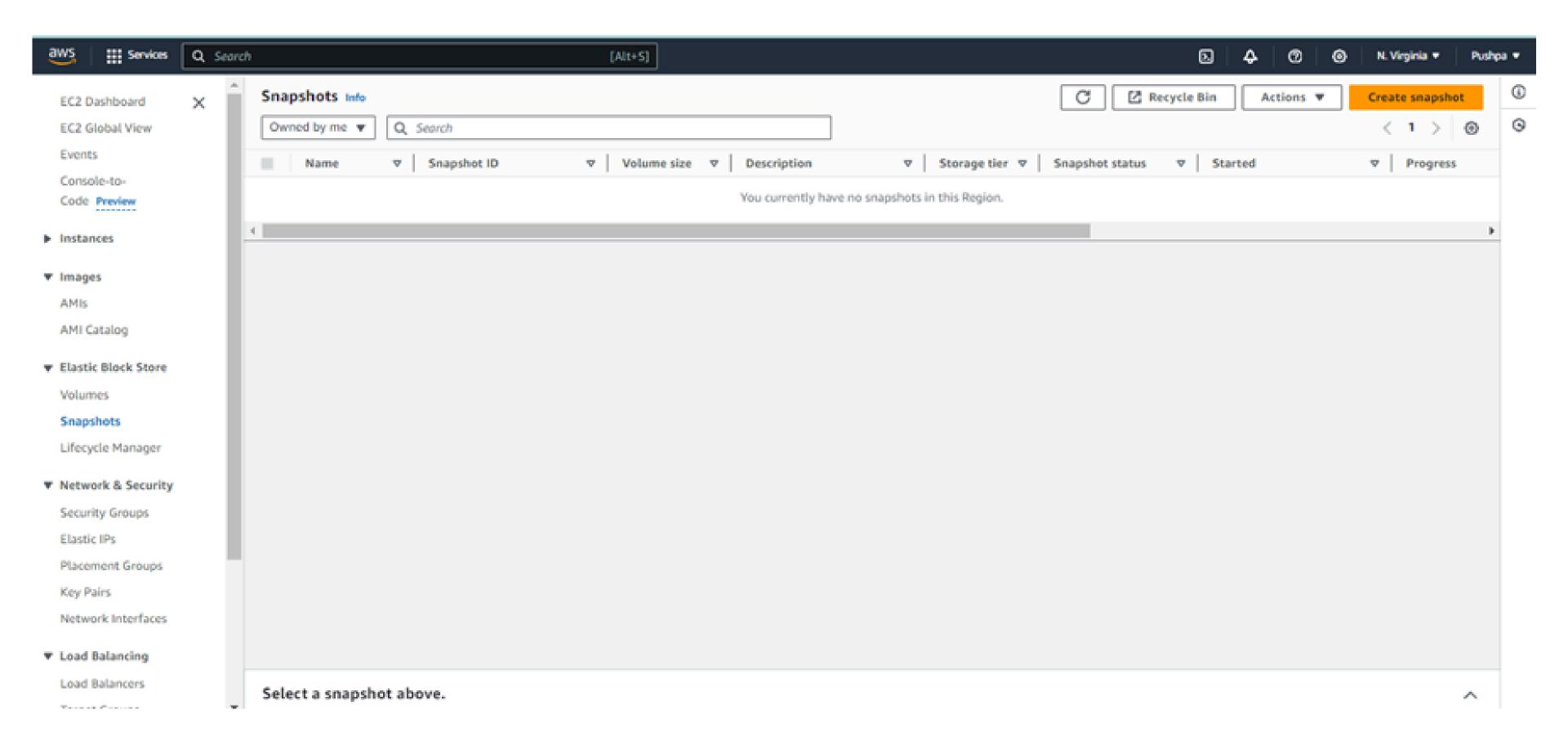




10 now go to code and run again



-it says that the snapshot is deleted, as the associated snapshot is not found



In this way we optimize the cost in aws