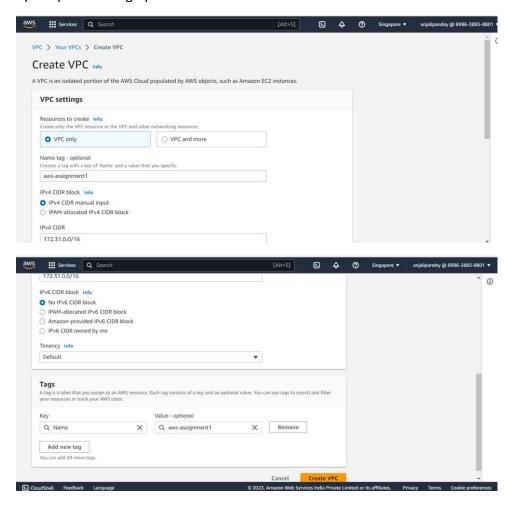
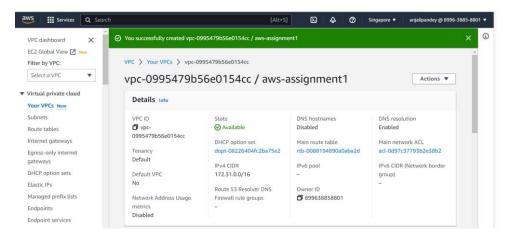
Create a virtual network with 2 subnets. Each subnet should have 16 lps only.

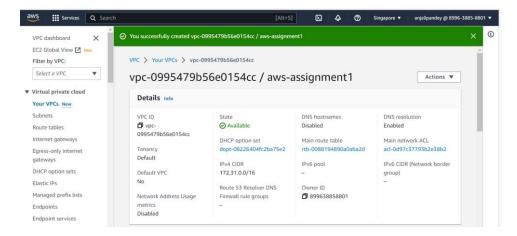
1). Step:- creating vpc



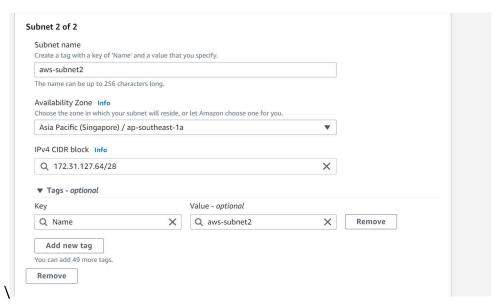
2). Adding the vpc cidr range and clicking on creating.

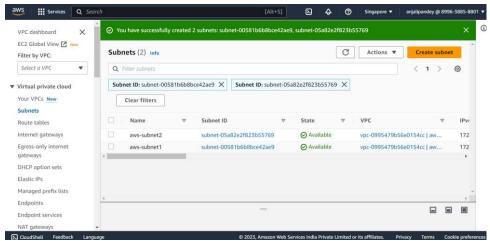


3).step: Now creating subnet-1 which is having 16 ip only.



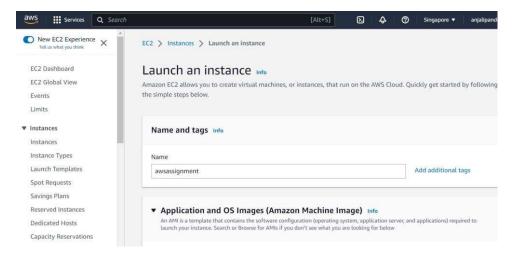
4).step: Now creating subnet-2 which is having 16 ip only.



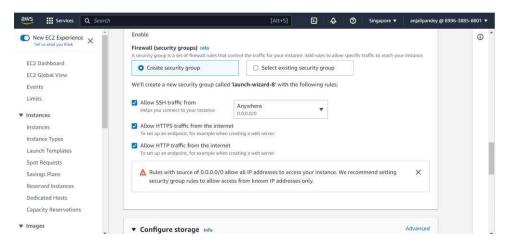


Inside one of the subnets, create a VM and deploy an application code inside it (any existing application created by you before). Make sure to use appropriate NACLs and SGs.

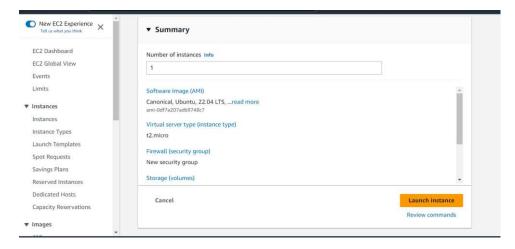
1).step:- Go to EC2 and click on launch instance.



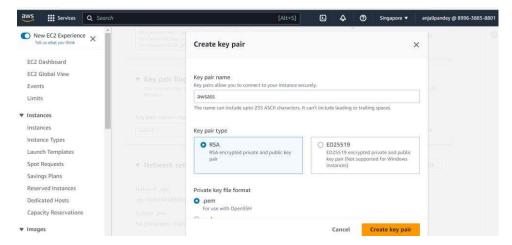
2). Step:- Adding custom sg in vm(EC2)



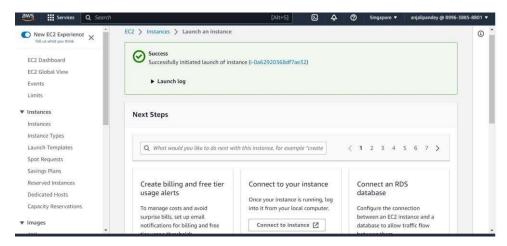
3). Step:- choose instance type and images which is based on our requirement.



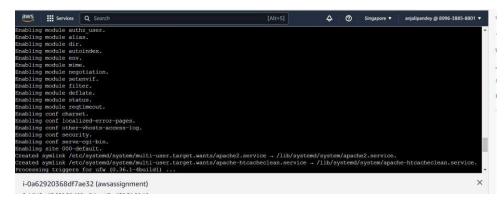
4). Step:-Adding subnet-2 to the EC2 instance and creating key-pair for vm.



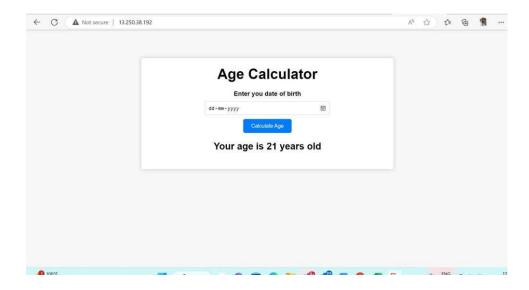
5). Step:- instance launch successfully now we connect to the instance.



6). Step:- installing required tools for running the application like server and nodejs.

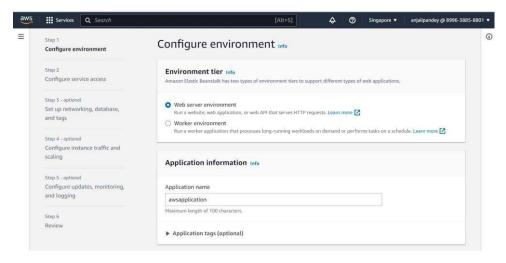


7). Now running my application in the server and starting apache to server.

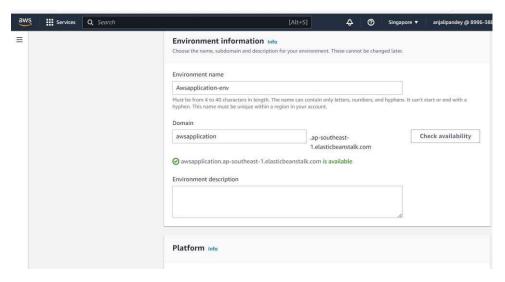


Deploy the same application to Elastic beanstalk Service.

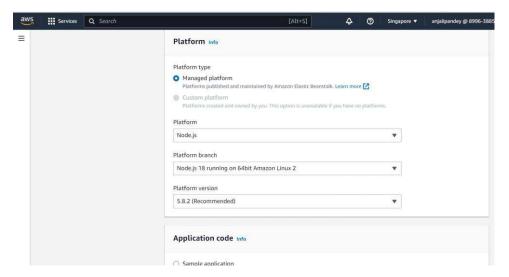
1). Step:- Go to Elasticbeanstalk and create a environment.



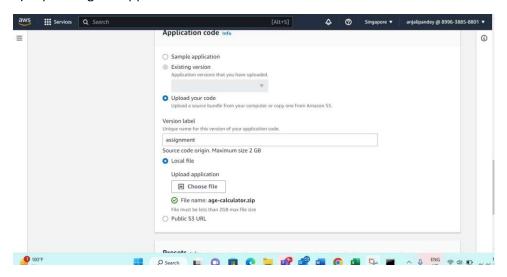
2). Add the information about application environment.



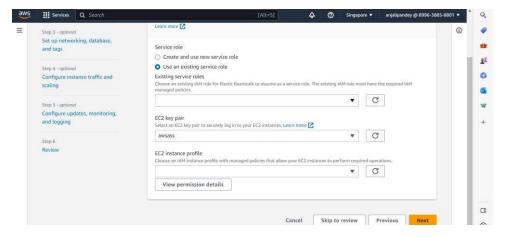
3). Add the information about platform and I am using nodejs.



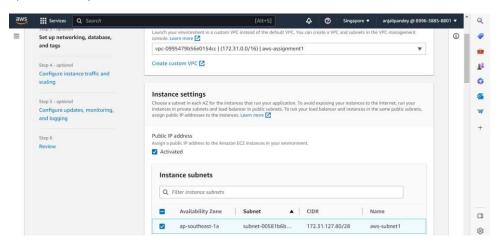
4). Uploading the application code.



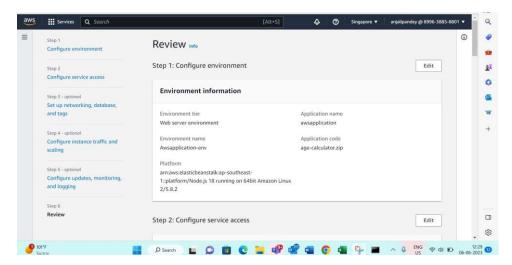
5). Configure the Ec2 role and key pair.



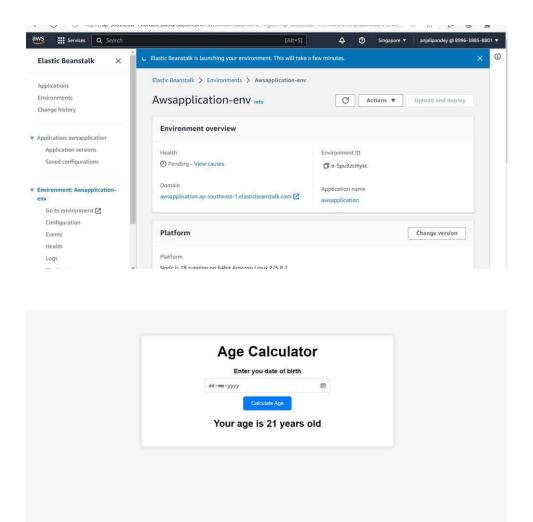
6). Add the vpc and subnets



7). Now click on review and create.



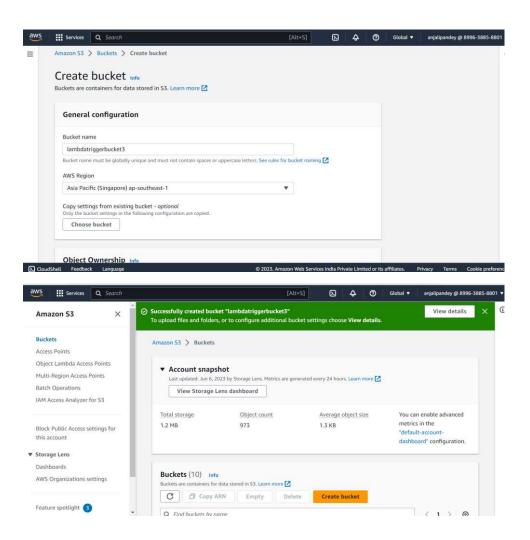
8). Now application will get on a while we check the application.



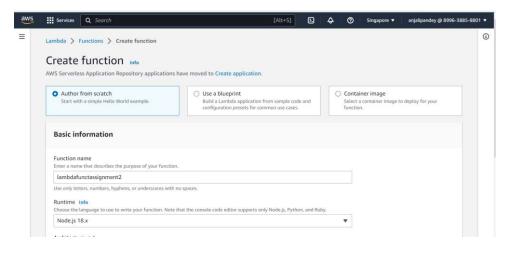
Application is working fine.

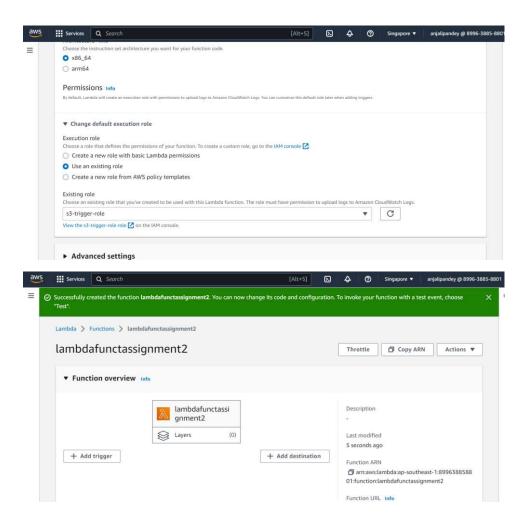
Create a Lambda that should trigger as soon as you upload a file in the S3 bucket. Function should be able to print the name of the file uploaded in the function.

1). Step:- creating the S3 bucket

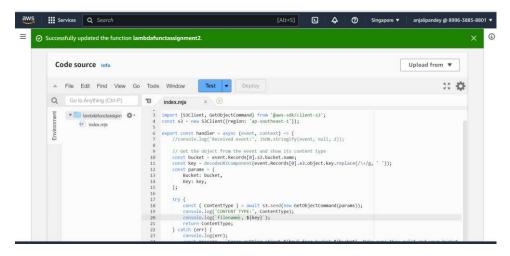


2). Step:- now creating the lambda function.

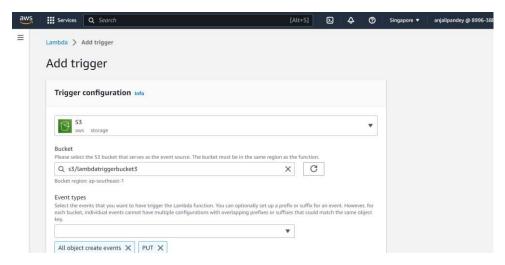




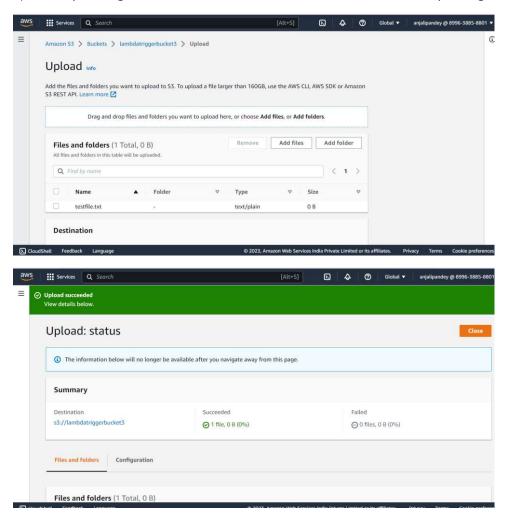
3). Step:- writing the code for printing the file name when uploadede into S3 bucket.



4). Now adding the trigger in lambda function.



5). Now uploading the file in s3 bucket and check whether filename is printing or not in logs.



6). Now checking my file name in cloud watch logs.

