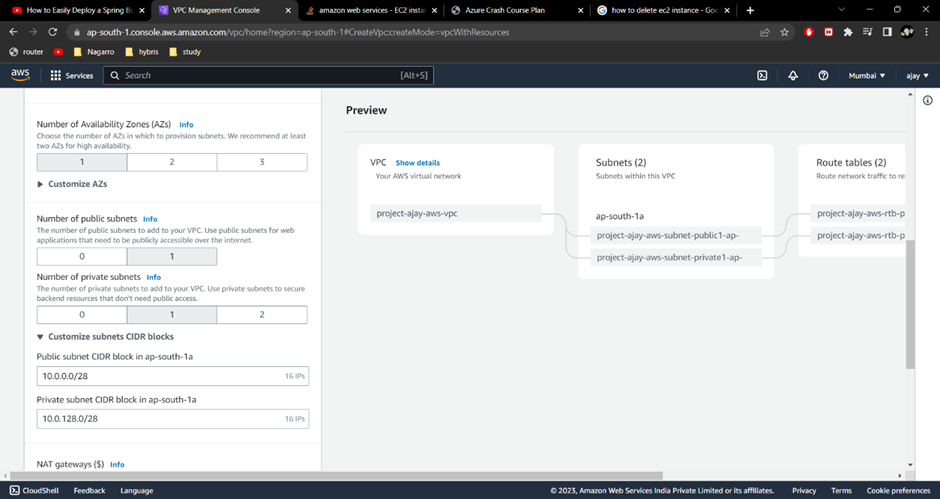
**AWS cloud assignment**

**Q. Create a virtual network with 2 subnets. Each subnet should have 16 Ips only.**

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Description automatically generated

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**Q. 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.**

Create security group

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Create key pair

A screenshot of a computer

Description automatically generated with medium confidence

Create instance and select security group and key pair created above

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Description automatically generated

A screenshot of a computer

Description automatically generated

Connect to the instance

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Description automatically generated with medium confidence

Deploy/run your code inside the instance

A screenshot of a computer program

Description automatically generated with medium confidence

**Q. Deploy the same application to Elastic beanstalk Service.**

Create a EC2 role with following policies

* AWSElasticBeanstalkWorkerTier
* AWSElasticBeanstalkMulticontainerDocker

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Create application and environment using above role and put SERVER\_PORT 5000 in env variables

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Check if code is working

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**Q. 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.**

Create a lambda role with following policies

* AmazonDynamoDBFullAccess
* AWSLambdaBasicExecutionRole

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Create a Lambda function using the role created above

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Create a S3 bucket

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Description automatically generated

Create a trigger in the lambda function we created, select S3 from dropdown menu and select the bucket we created above

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Description automatically generated

Write following code in Code source in lambda function and deploy

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Upload a file in s3 bucket we created

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Description automatically generated

Check in the logs for the name of file uploaded by you

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