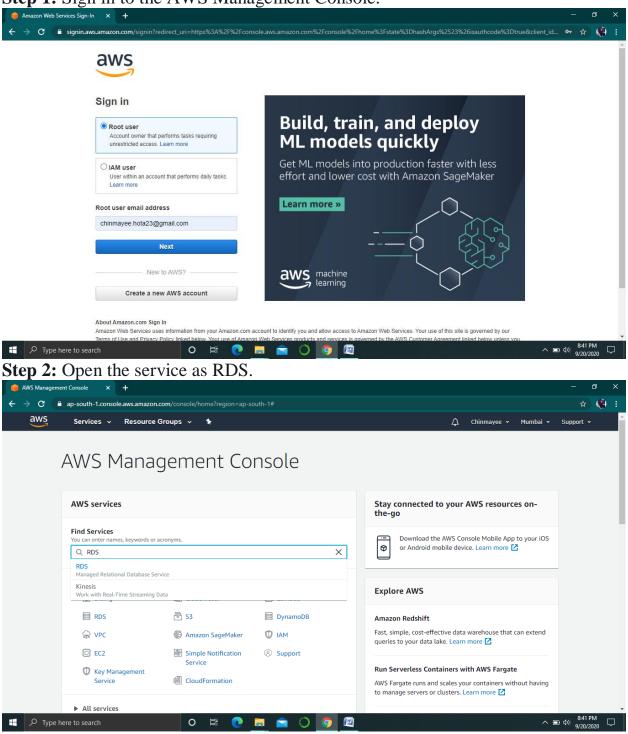
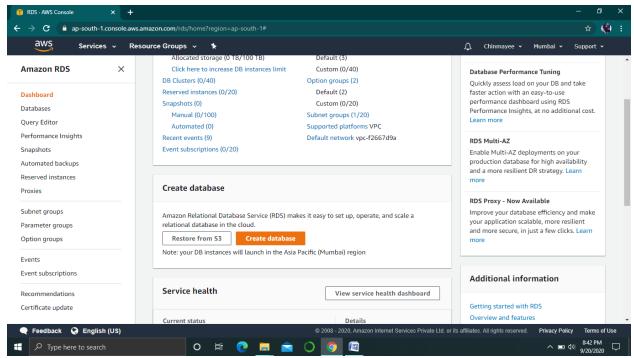
CREATING A DATABASE USING AMAZON AURORA

Step 1: Sign in to the AWS Management Console.

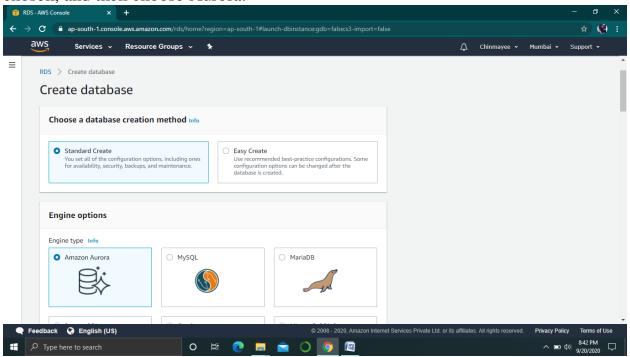


Step 3: In the navigation pane, choose Databases.

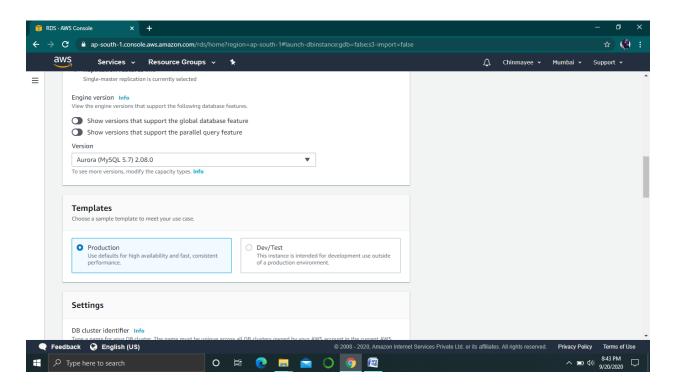


Step 4: Choose Create database.

Step 5: On the Create database page, make sure that the Standard Create option is chosen, and then choose Aurora.

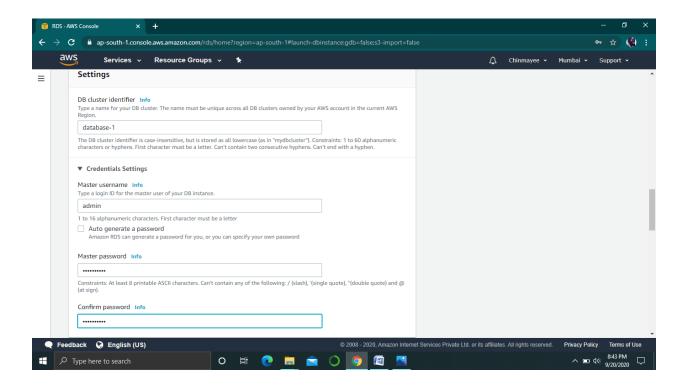


Step 6: In the Templates section, choose Production tier.



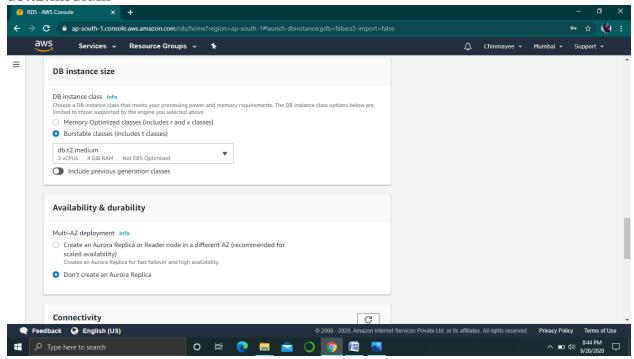
Step 7: In the Settings section, set these values:

- DB instance identifier database-1
- Master username admin
- Auto generate a password Disable the option
- Master password Choose a password.
- Confirm password Retype the password.



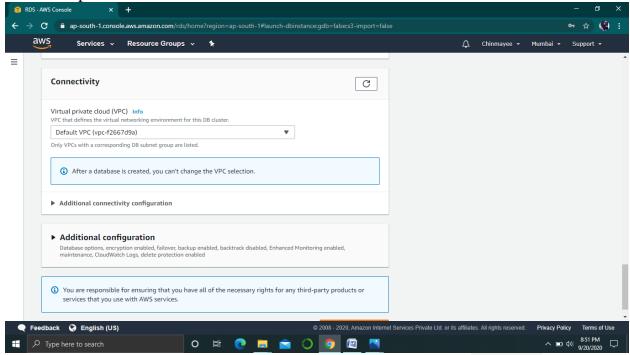
Step 8: In the DB instance size section, set these values:

- Burstable classes (includes t classes)
- db.t2.medium

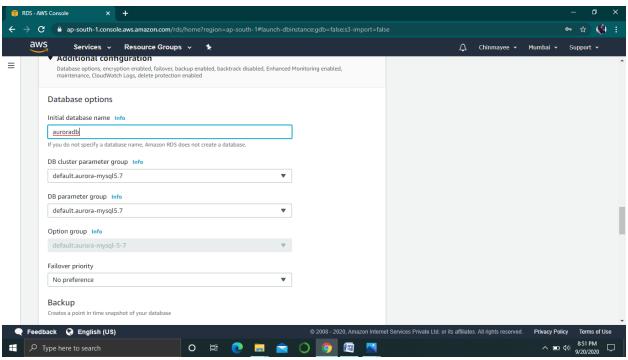


Step 9: In the Storage and Availability & durability sections, use the default values.

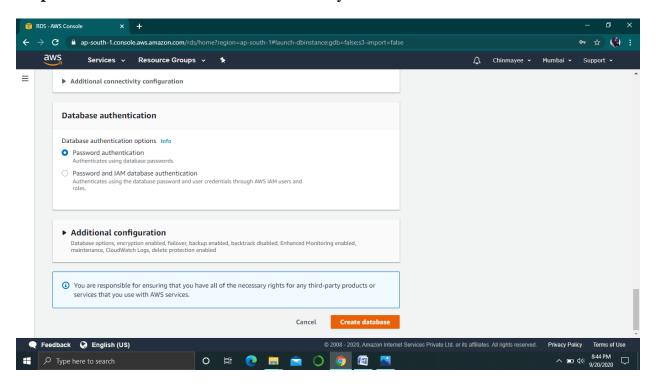
- **Step 10:** In the Connectivity section, open Additional connectivity configuration and set these values:
- Virtual Private Cloud (VPC) Choose an existing VPC with both public and private subnets.
- Subnet group The DB subnet group for the VPC, created.
- Publicly accessible No
- VPC security groups Choose an existing VPC security group.
- Remove other security groups, such as the default security group, by choosing the X associated with each.
- Availability zone No Preference
- Database port 3306



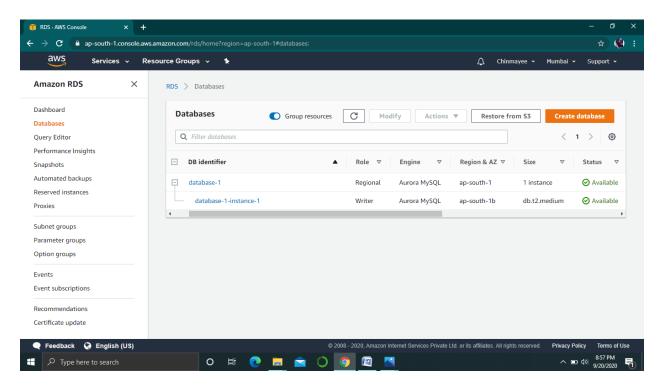
Step 11: Open the Additional configuration section, and enter auroradb for Initial database name. Keep the default settings for the other options.



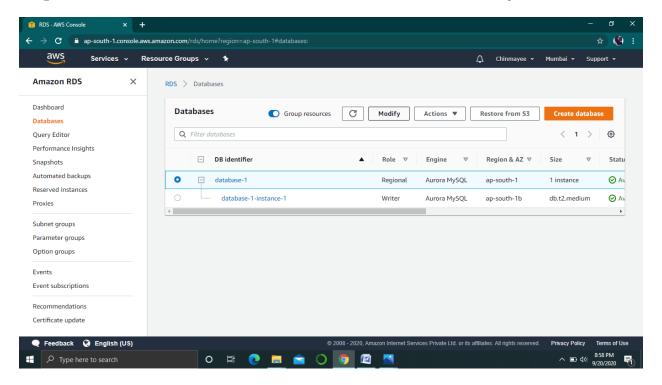
Step 12: Choose Create database to create your RDS AURORA DB instance.



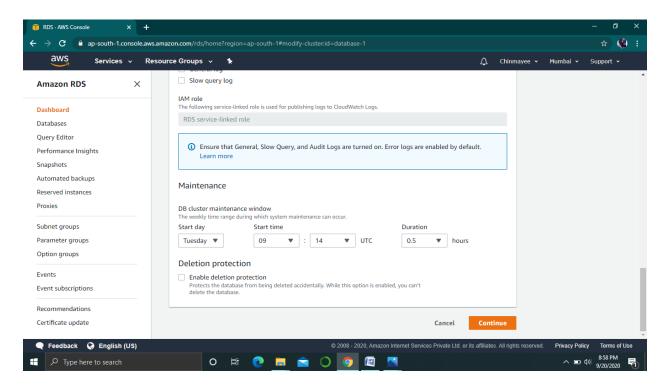
Step 13: Wait for the Status of your new DB instance to show as Available. Then choose the DB instance name to show its details.



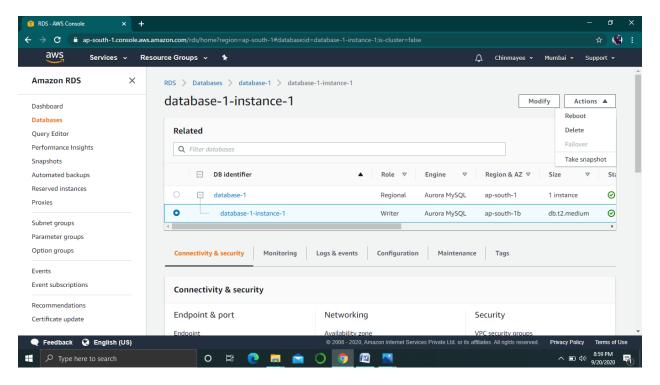
Step 14: Select the database from the dashboard and select modify.



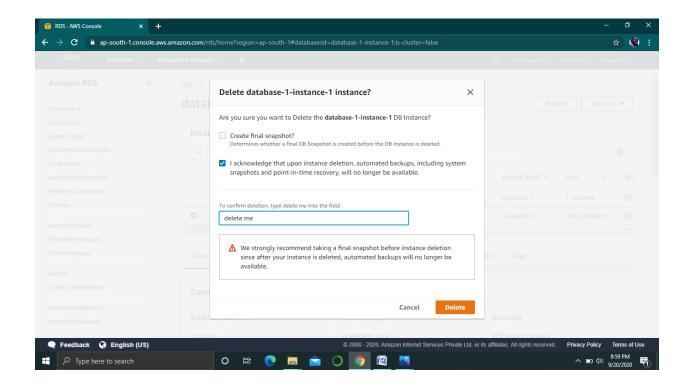
Step 15: Disable the delete protection as we had enabled it previously and click on continue.



Step 16: Now again select the database instance from the dashboard and select actions and then click on delete.



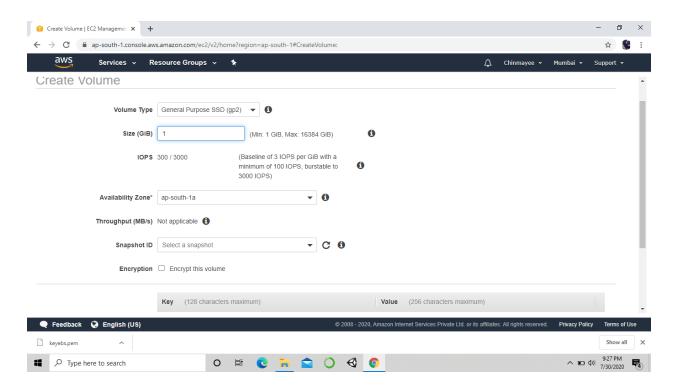
Step 17: Confirm the dialog box for deletion.

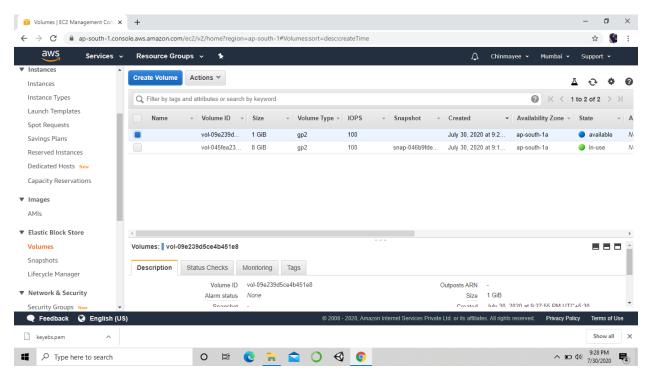


CONFIGURE ELASTIC BLOCK STORE VOLUME

Step 1 – Create Amazon EBS volume using the following steps.

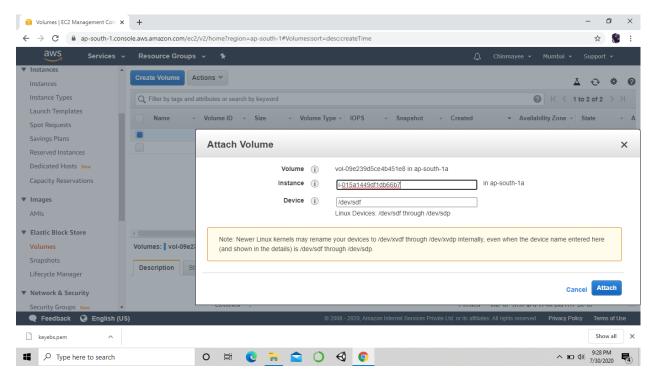
- Open the Amazon EC2 console.
- Select the region in the navigation bar where the volume is to be created.
- In the navigation pane, select Volumes, then select Create Volume.
- Provide the required information like Volume Type list, Size, IOPS, Availability zone, etc. then click the Create button.
- The volume names can be seen in the volumes list.





Step 2 – Attach EBS Volume to an Instance using the following steps.

- Open the Amazon EC2 console.
- Select Volumes in the navigation pane. Choose a volume and click the Attach Volume option.
- An Attach Volume dialog box will open. Enter the name/ID of instance to attach the volume in the Instance field or select it from the list of suggestion options.
- Click the Attach button.
- Connect to instance and make the volume available.

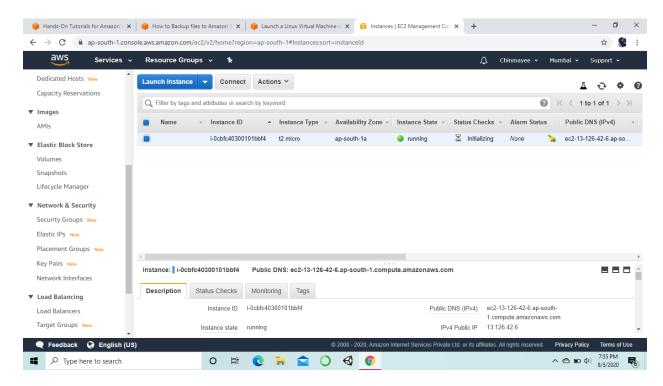


Step 3 – Detach a volume from Instance.

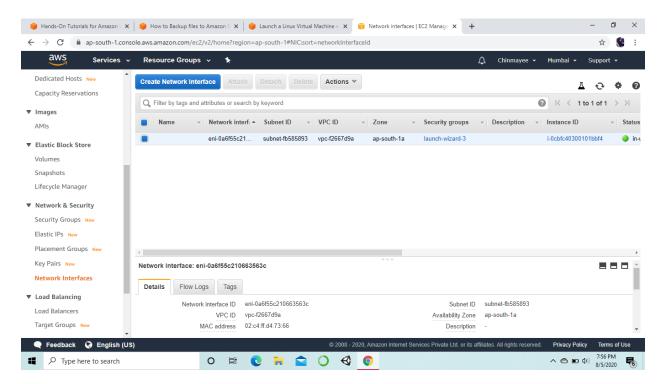
- First, use the command /dev/sdf in cmd to unmount the device.
- Open the Amazon EC2 console.
- In the navigation pane, select the Volumes option.
- Choose a volume and click the Detach Volumes option.
- A confirmation dialog box opens. Click the Yes, Detach button to confirm.

GENERATE PRIVATE IP FOR EC2 INSTANCE

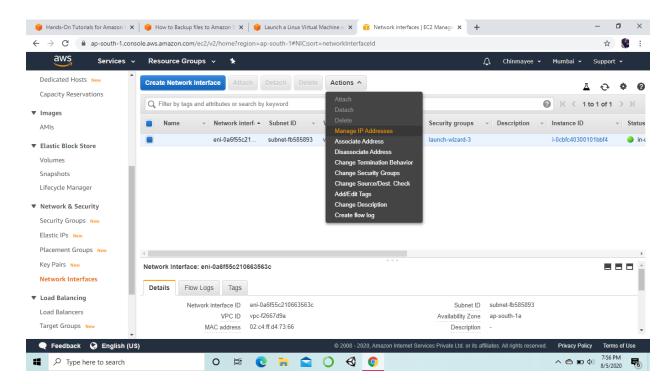
- 1. Login to AWS console.
- 2. Open the EC2 service and launch an instance.



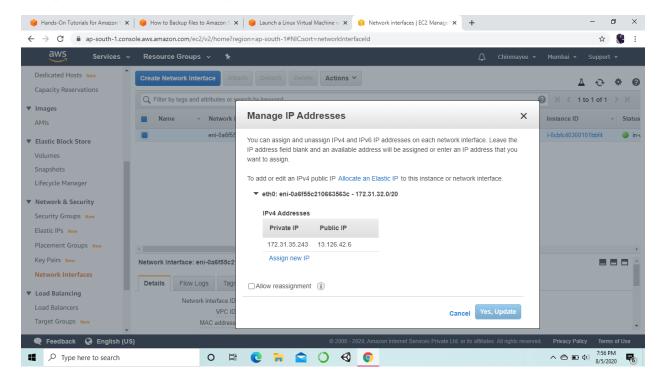
3. Under the Network and security from the dashboard, choose Network Interfaces.

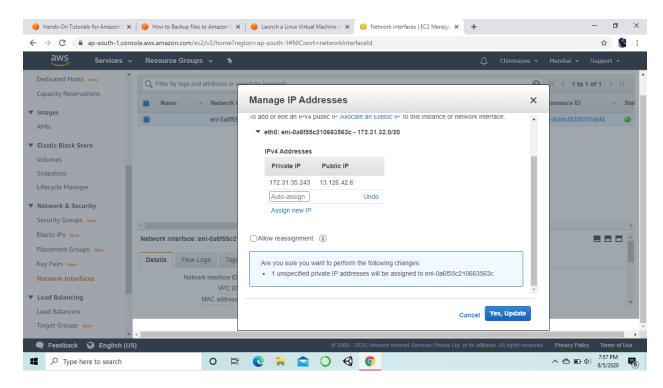


4. Choose Actions, and then choose Manage IP Addresses.

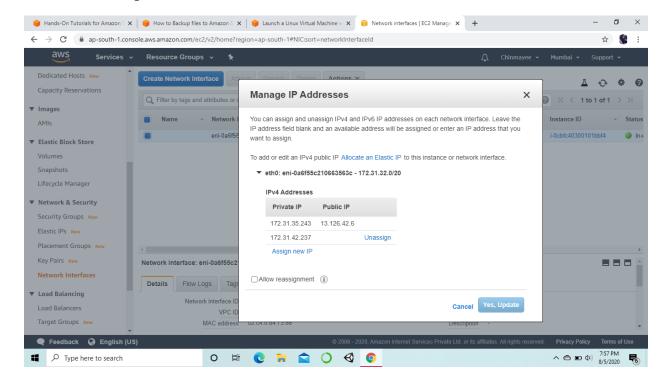


5. Assign new IP automatically.

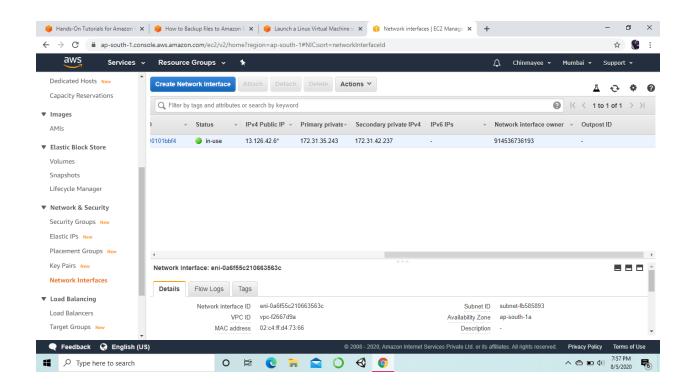




6. Choose Yes, Update.

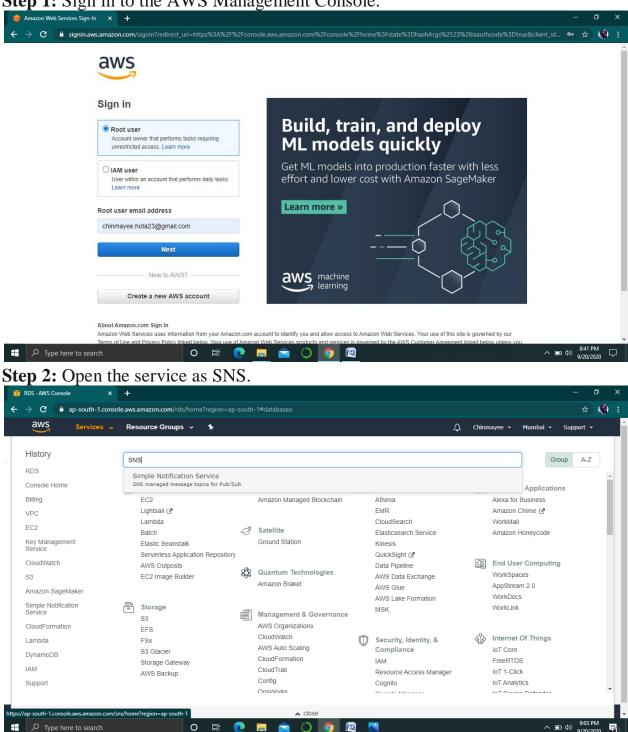


7. Secondary private IP is created successfully.

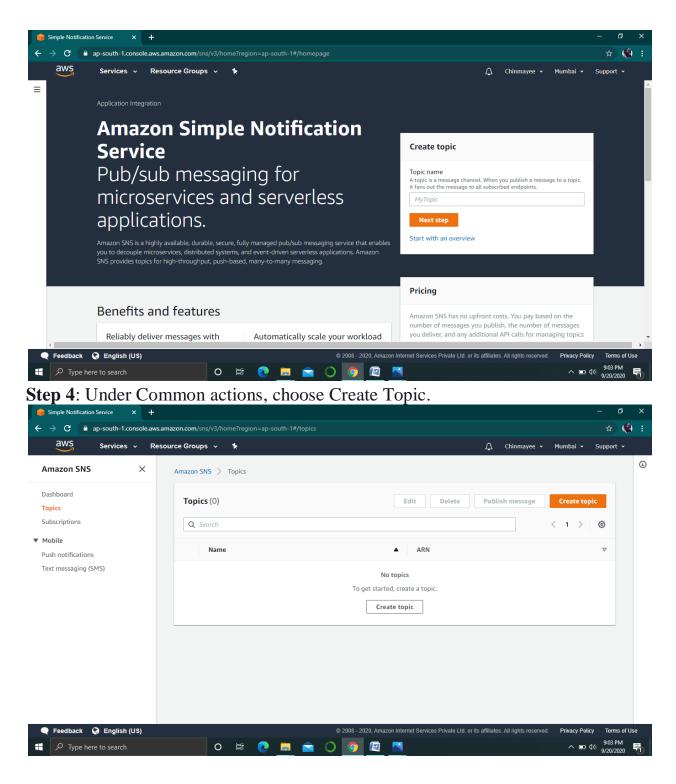


AMAZON SNS

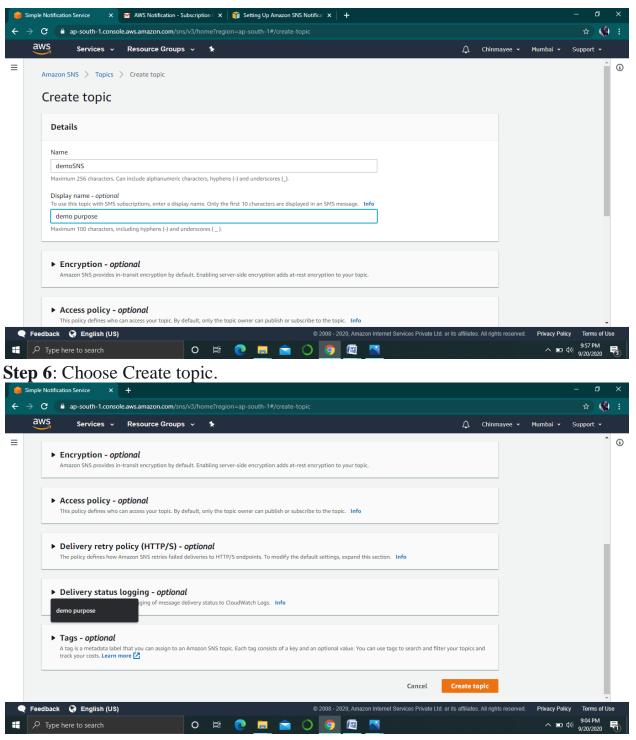
Step 1: Sign in to the AWS Management Console.



Step 3: The Amazon SNS dashboard will appear as.

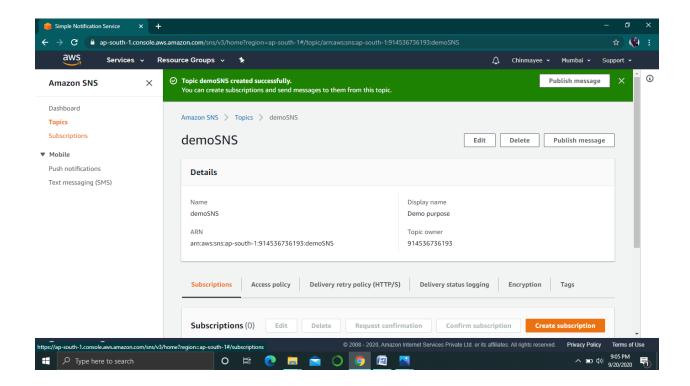


Step 5: In the Create new topic dialog box, for Topic name, enter a name for the topic.



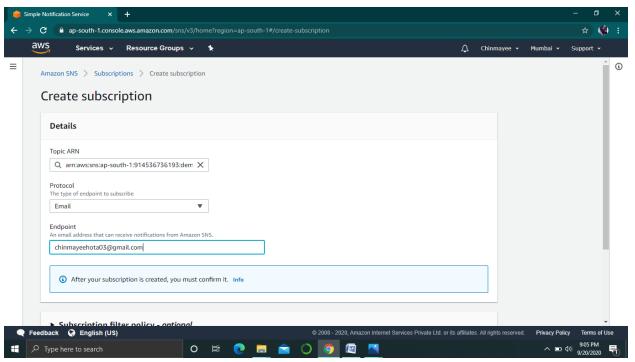
Step 7: Copy the Topic ARN for the next task.

Step 8: Check the status of the topic.

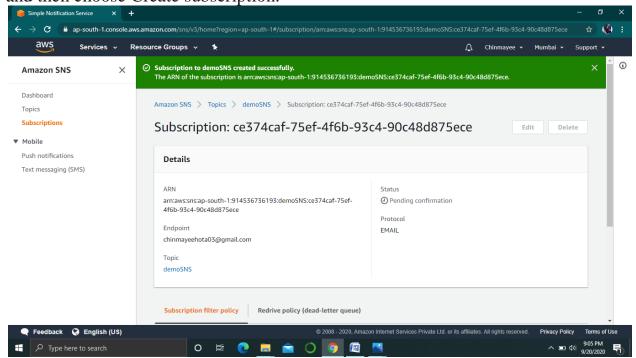


TO SUBSCRIBE TO AN SNS TOPIC

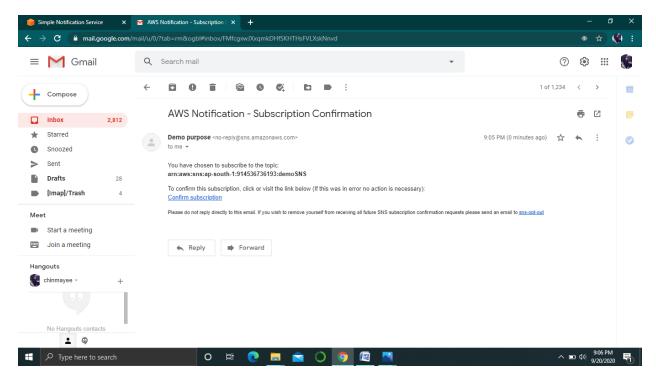
- 1. In the navigation pane, choose Subscriptions, Create subscription.
- 2. In the Create subscription dialog box, for Topic ARN, paste the topic ARN that you created in the previous task.
- 3. For Protocol, choose Email.



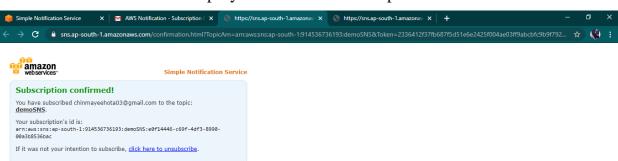
4. For Endpoint, enter an email address that you can use to receive the notification, and then choose Create subscription.



5. From your email application, open the message from AWS Notifications and confirm your subscription.



6. Your web browser displays a confirmation response from Amazon SNS.

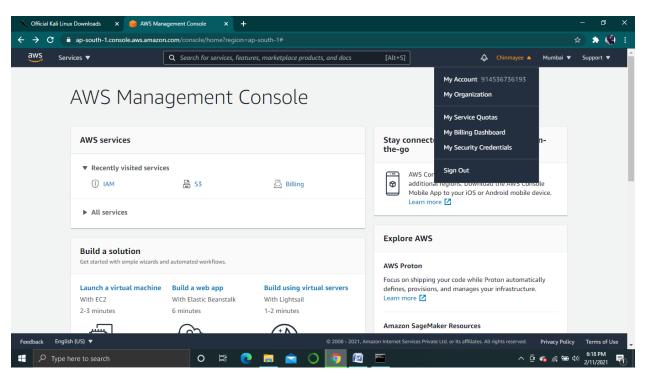




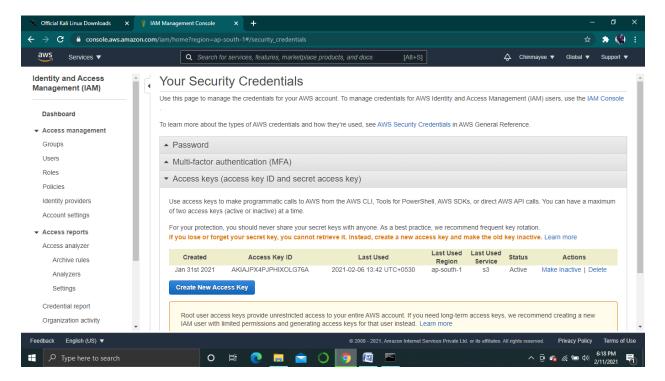
AWS CLI FOR BUCKET CREATION

Steps to be followed:-

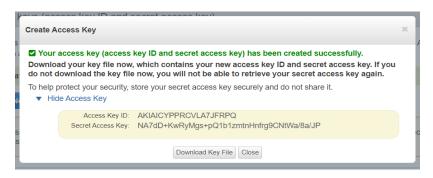
- 1st download AWS CLI MSI installer for Windows
- Install and run MSI installer
- Now in the search bar of your computer or laptop search for cmd to open command prompt in window.
- Now in the command prompt write a command (aws --version)
- Now again write a command (<u>aws configure</u>), after enter the command it will ask for access key.
- So for access key we have to go to AWS Management Console.
- Then in the account info go to My Security Credentials.

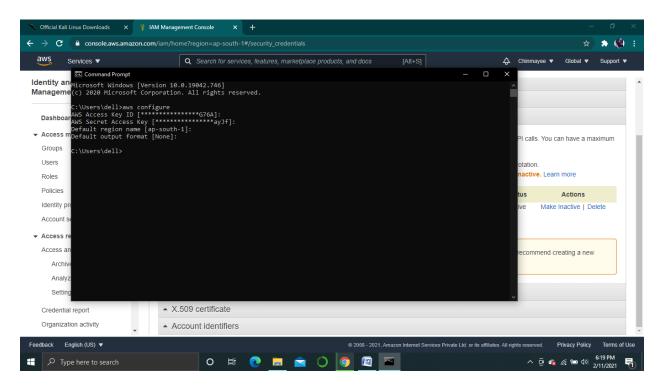


- Under security credentials it has a column of Access and secret key.
- Click on Create New Access Key.

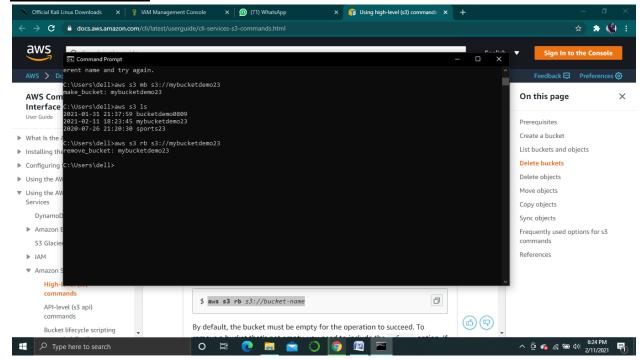


- Here is the Access key and Secret Key.
- Now 1st copy the Access Key and paste in the command prompt.
- Again copy Secret Key and paste it in Command prompt.
- Then it will ask for Region. So in region give the region name as <u>ap-south-1</u>.



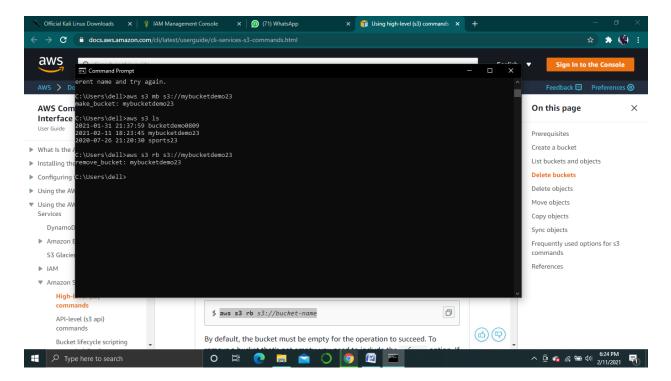


Now to make or create a bucket we need to execute a command <u>aws s3 mb</u>
s3://bucket name



- Simultaneously check that the bucket is created in S3 service.
- Now to confirm in command prompt write a command aws s3 ls, it will show you all the buckets present in the s3 service.

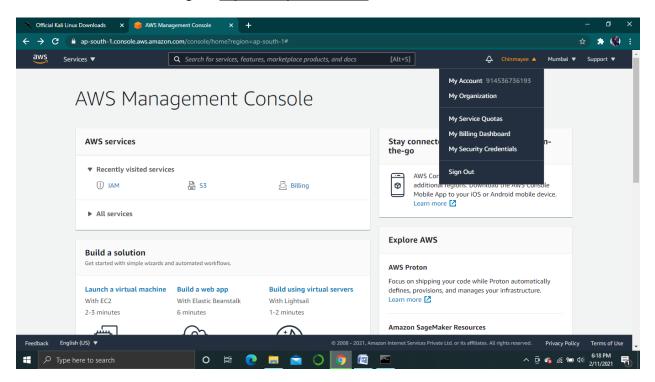
- Now Again to remove or delete the bucket execute a command aws s3 rb s3://bucket name.
- Now check in the s3 service that the bucket is removed or not.
- In command prompt write command aws s3 ls to confirm that the bucket is deleted.



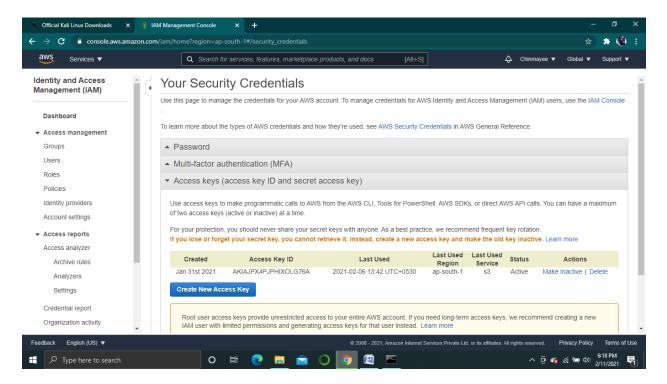
AWS CLI SETUP AND CONFIGURATION ON WINDOWS

Steps to be followed:-

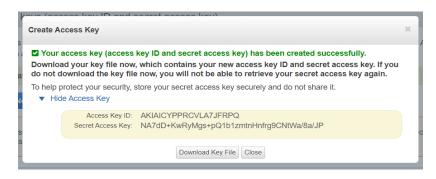
- 1st download AWS CLI MSI installer for Windows
- Install and run MSI installer
- Now in the search bar of your computer or laptop search for cmd to open command prompt in window.
- Now in the command prompt write a command (aws --version)
- Now again write a command (<u>aws configure</u>), after enter the command it will ask for access key.
- So for access key we have to go to AWS Management Console.
- Then in the account info go to My Security Credentials.

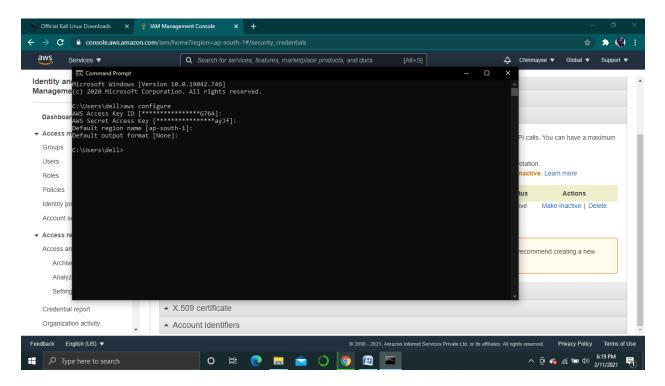


- Under security credentials it has a column of Access and secret key.
- Click on Create New Access Key.

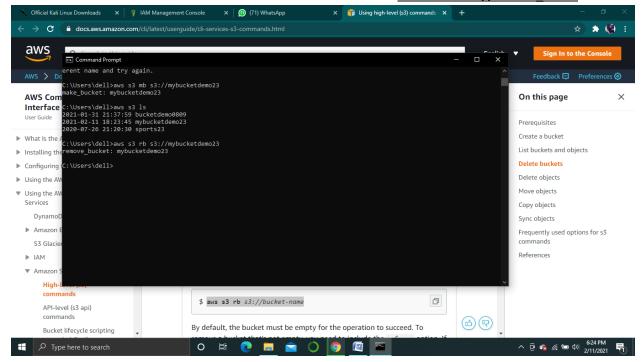


- Here is the Access key and Secret Key.
- Now 1st copy the Access Key and paste in the command prompt.
- Again copy Secret Key and paste it in Command prompt.
- Then it will ask for Region. So in region give the region name as ap-south-1.



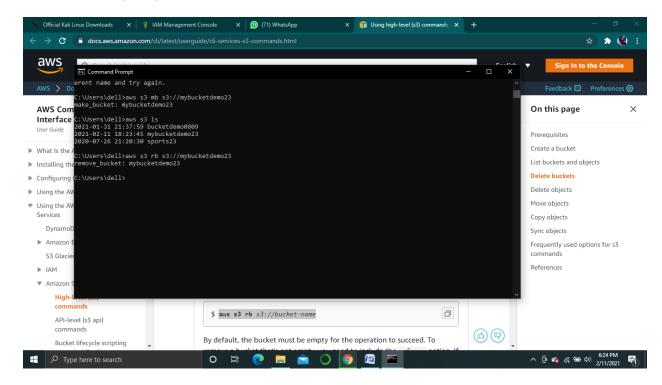


Now to make or create a bucket we need to execute a command <u>aws s3 mb s3://bucket_name</u>



- Simultaneously check that the bucket is created in S3 service.
- Now to confirm in command prompt write a command aws s3 ls, it will show you all the buckets present in the s3 service.

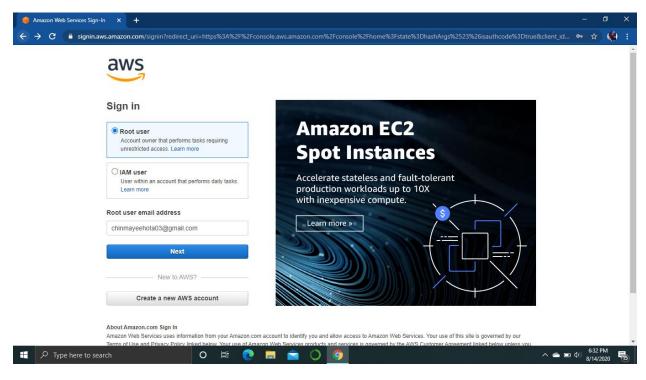
- Now Again to remove or delete the bucket execute a command <u>aws s3 rb s3://bucket_name</u>.
- Now check in the s3 service that the bucket is removed or not.
- In command prompt write command aws s3 ls to confirm that the bucket is deleted.



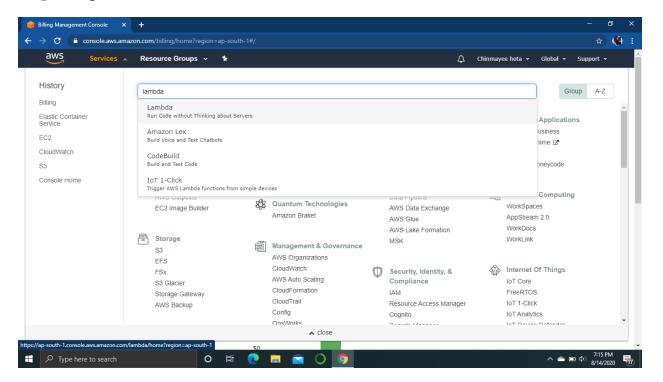
Conclusion- We have successfully created an access key and a secret key and also executed commands to create and remove buckets in command prompt.

LAMBDA FUNCTION

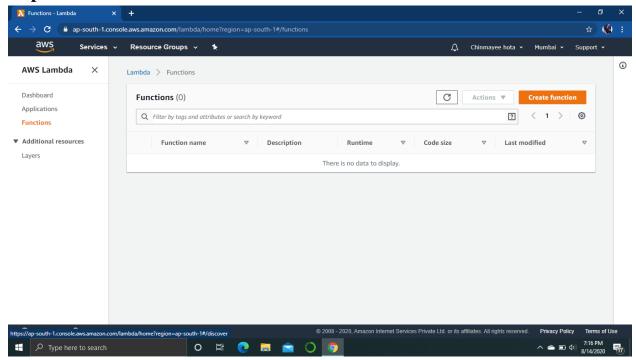
Step 1: Login to AWS console.



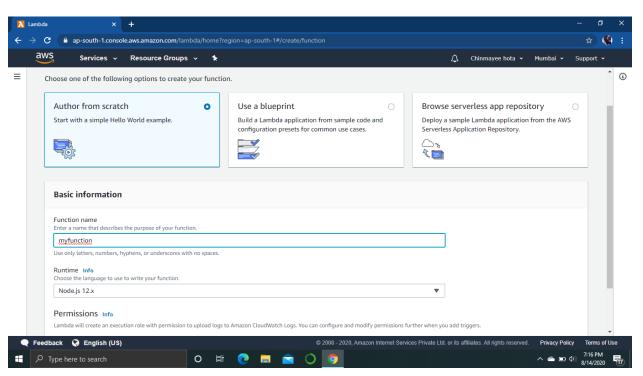
Step 2: Open the service as lambda.



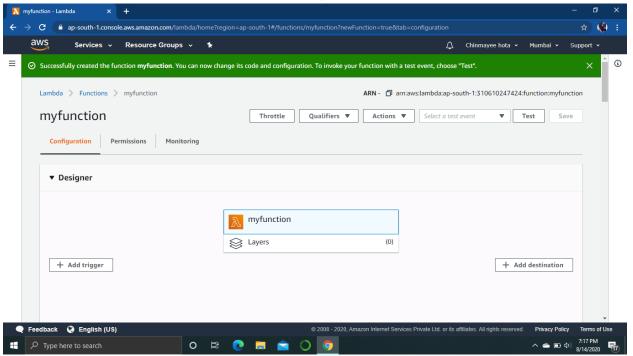
Step 3: From the dashboard select Create function.



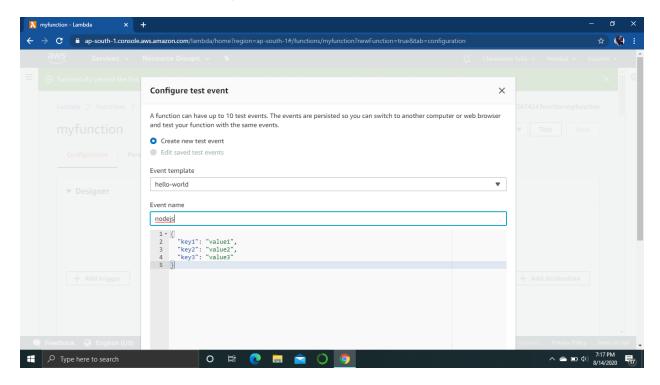
Step 4: Select author from scratch and configure the details such as function name, language to run the function as Node.js



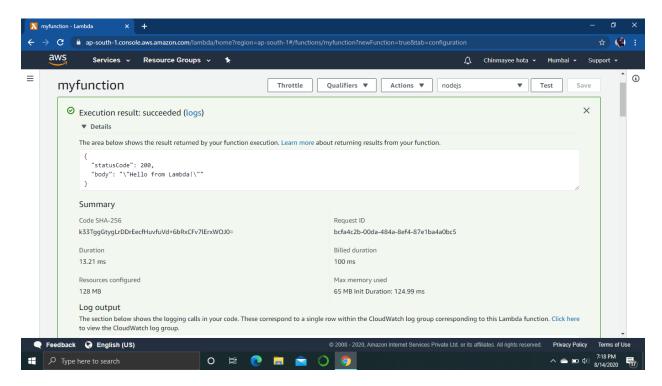
Step 4: The function is created successfully.



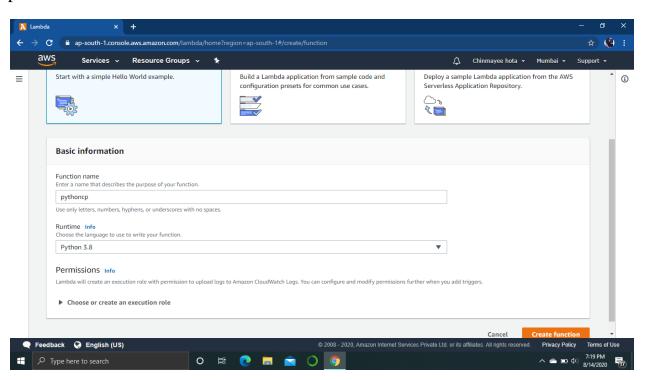
Step 5: Select test and configure test event name and all details. Then select create.

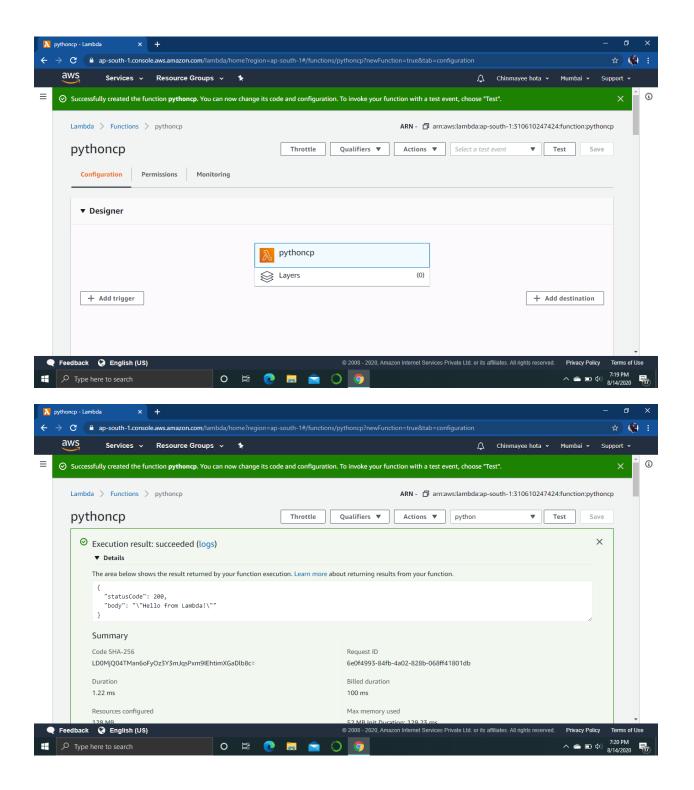


Step 6: Check the status of the event from the dashboard.



Step 7: Create another function for the language python and repeat the same process till it is executed.





CONFIGURE SECURITY GROUPS THROUGH AWS CLI

STEPS TO FOLLOW:-

- > Open the command prompt and type aws configure.
- Give the access key id.
- Select my security credentials from aws management console.
- Get the access key
- Click on new key
- Copy the key and paste it in CLI
- Mention the region name
- AWS CLI is ready to take the commands.
- ➤ aws ec2 create-vpc --cidr-block 10.0.0.0/16.

```
| Second | S
```

To Create SG for VPC:-

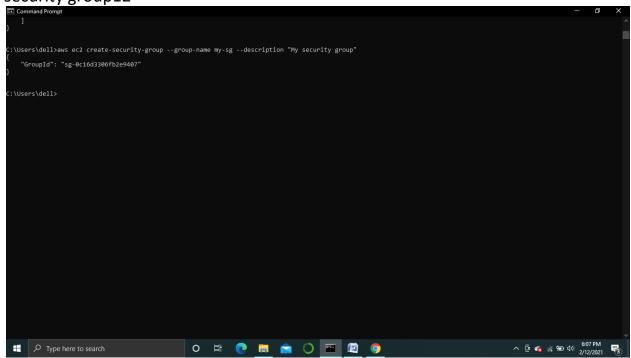
aws ec2 create-security-group --group-name my-sg1 --description "My security group1" --vpc-id vpc-0d0337664aaa0ab93

To describe:-

➤ aws ec2 describe-security-groups --group-ids sg-0711db3fd7d5f5173

To create SG for EC2:-

aws ec2 create-security-group --group-name my-sg12 --description "My security group12"

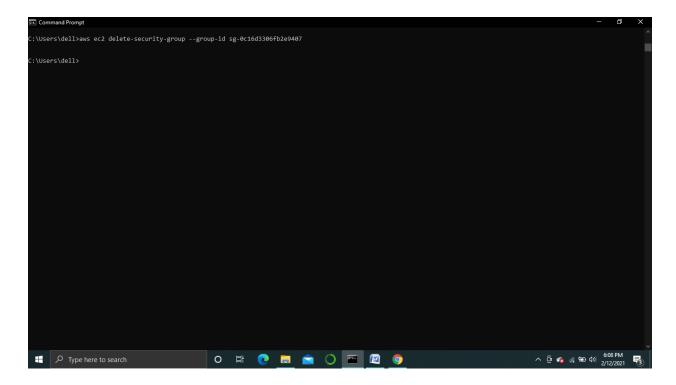


To describe :-

➤ aws ec2 describe-security-groups --group-names my-sg

To delete the security group:-

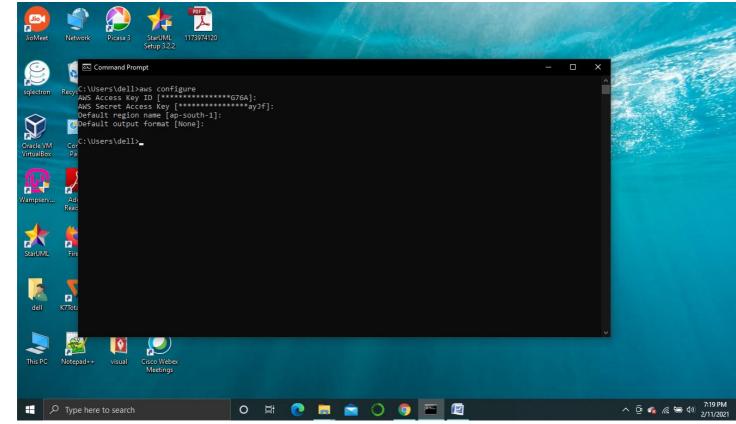
> aws ec2 delete-security-group -group-id sg-0c16d3306fb2e9407



CONFIGURE VPC THROUGH AWS CLI

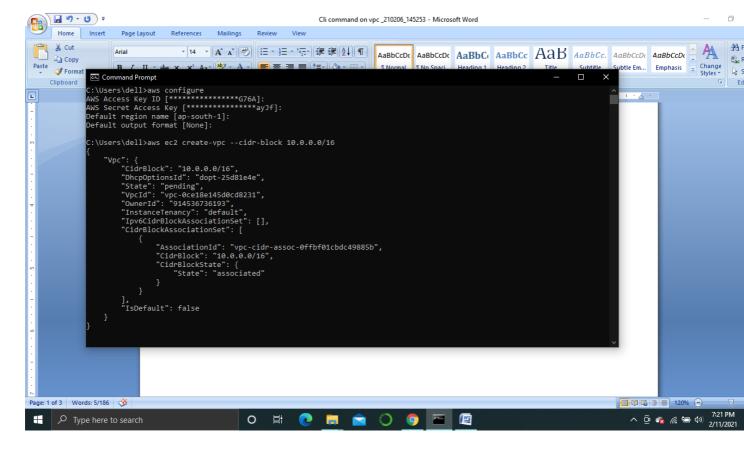
STEPS TO FOLLOW:-

- > Open the command prompt and type aws configure.
- · Give the access key id.
- Select my security credentials from aws management console.
- Get the access key
- Click on new key
- Copy the key and paste it in CLI
- Mention the region name
- AWS CLI is ready to take the commands.



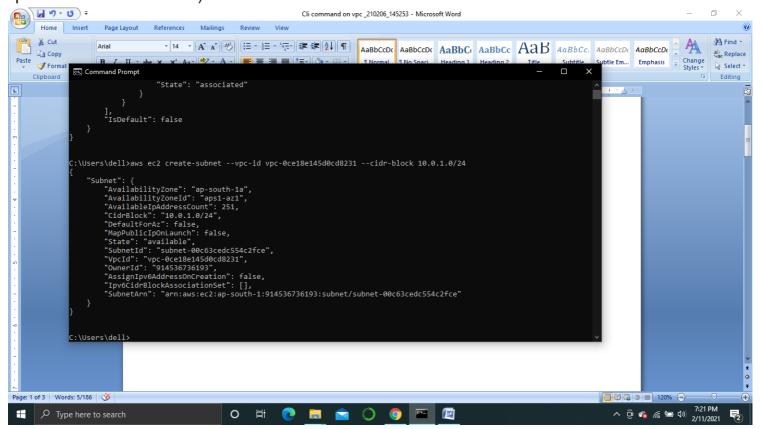
To Create VPC:-

aws ec2 create-vpc --cidr-block 10.0.0.0/16



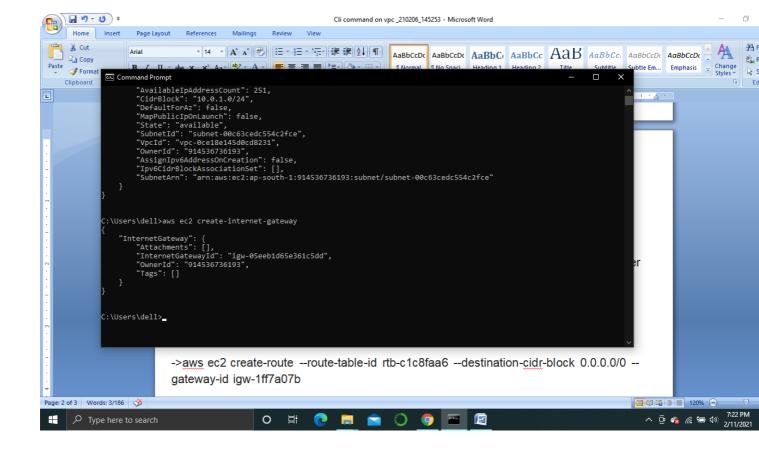
To create Subnet:-

➤ aws ec2 create-subnet --vpc-id vpc-2f09a348 --cidr-block 10.0.1.0/24(vpc id is created earlier)



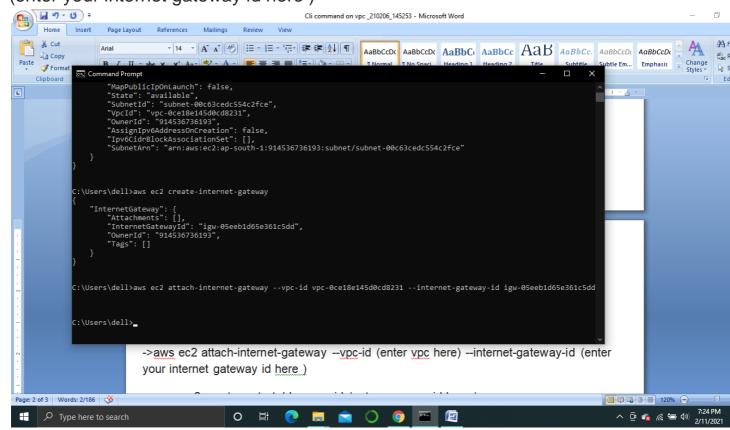
To create internet gateway:-

aws ec2 create-internet-gateway



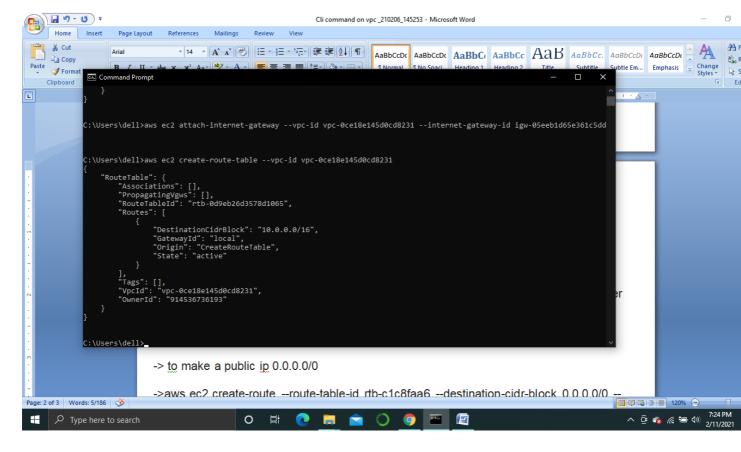
To attach the internet gateway:-

aws ec2 attach-internet-gateway --vpc-id (enter vpc here) --internet-gateway-id (enter your internet gateway id here)



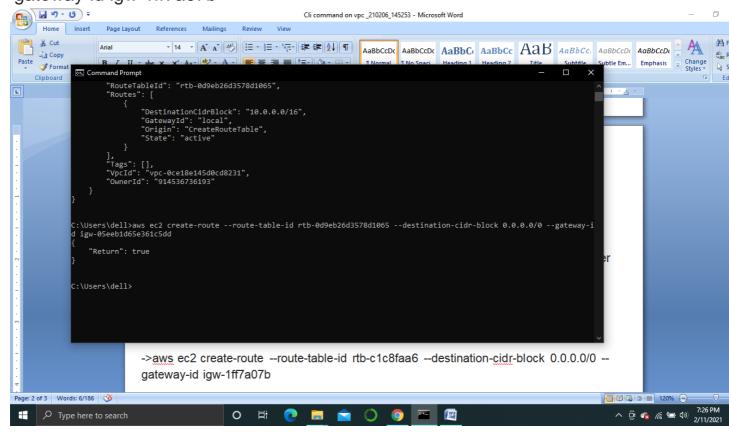
To create a route table:-

> aws ec2 create-route-table --vpc-id (enter your vpc id here)



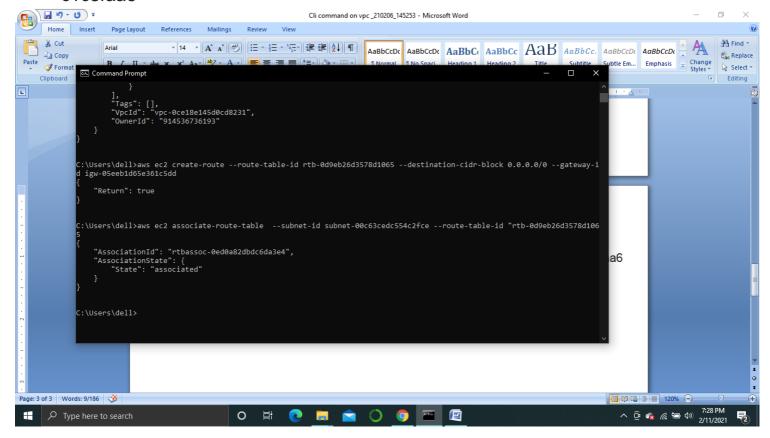
To make the Route table public:-

aws ec2 create-route --route-table-id rtb-c1c8faa6 --destination-cidr-block 0.0.0.0/0 --gateway-id igw-1ff7a07b



To associate route table with subnet:-

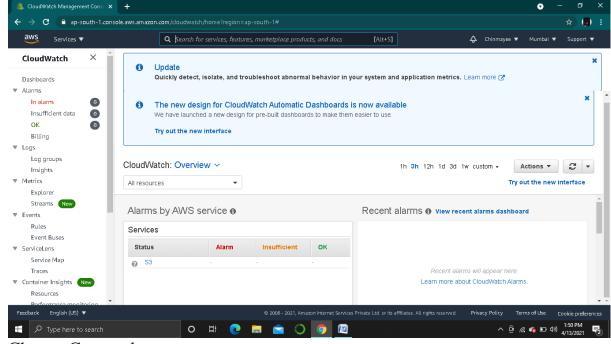
> aws ec2 associate-route-table --subnet-id subnet-b46032ec --route-table-id rtb-c1c8faa6



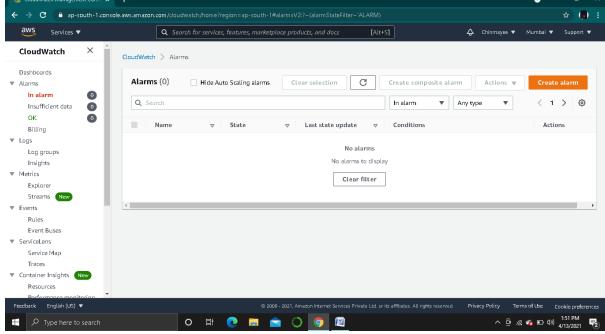
CREATE AN ALARM USING CLOUDWATCH

STEPS TO BE FOLLOWED:

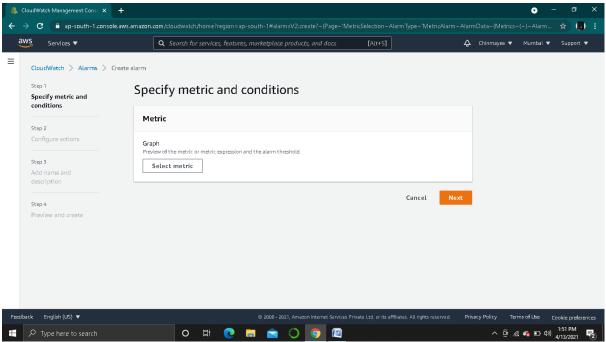
1. Open the CloudWatch console, from the navigation pane, choose Alarms.



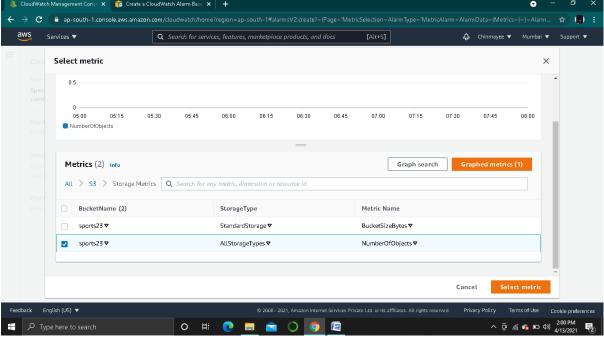
2. Choose Create alarm.



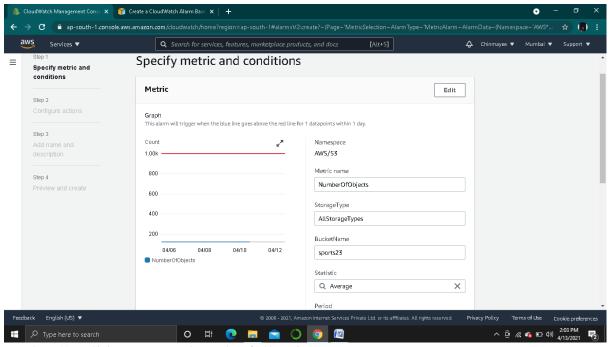
3. Choose Select metric.



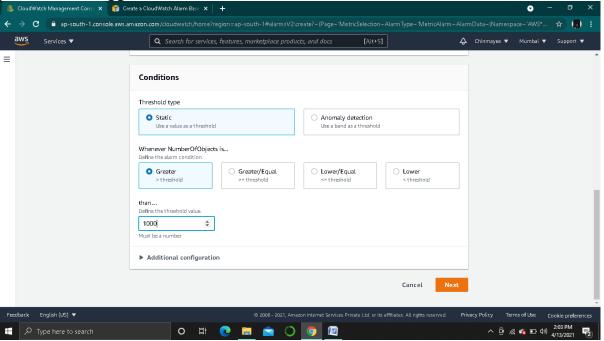
4. On the All metrics tab, choose Pinpoint, and then choose the type of metric that you want to create an alarm for. The types of available metrics depends on the Amazon Pinpoint features that you use.



5. Select the metric that you want to create an alarm for, and then choose Select metric. The Specify metric and conditions page appears, showing a graph and other information about the metric.



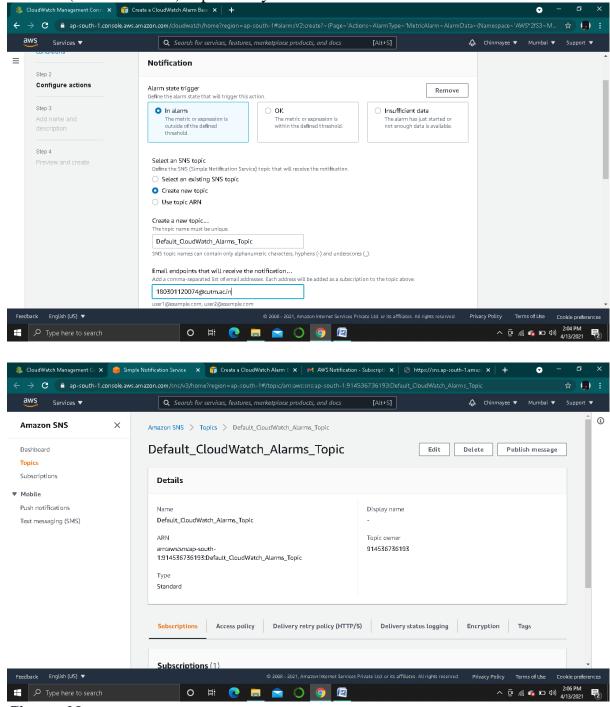
- 6. Under Conditions, complete the following steps:
- For Threshold type, choose Static.
- For Whenever metric is, specify whether you want the value of the metric to be greater than, greater than or equal to, less than, or less than or equal to the threshold to trigger the alarm. Then, under than, enter the threshold value that you want to trigger the alarm.



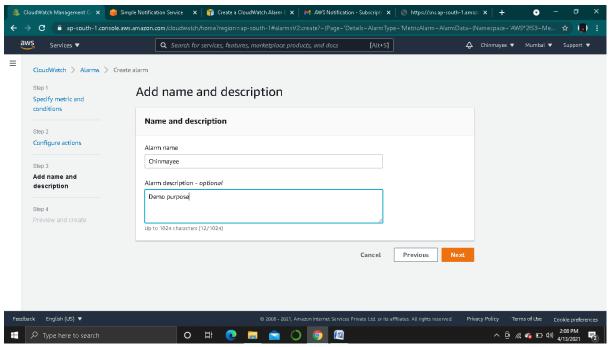
- 7. Under Additional configuration, complete the following steps:
- For Datapoints to alarm, enter the number of evaluation periods (datapoints) during which the metric value must meet the threshold conditions to trigger the alarm.

- For Missing data treatment, choose what you want the alarm to do if some data is missing.
- 8. Choose Next.
- 9. Under Notification, complete the following steps:
- For Whenever this alarm state is, choose in Alarm.

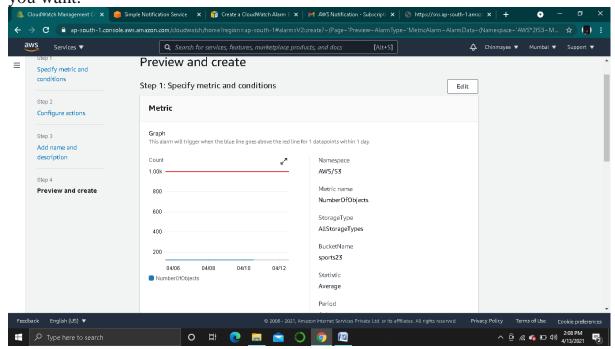
• For Select an SNS topic, choose or create an Amazon Simple Notification Service (Amazon SNS) topic that you want the alarm notification to be sent to.



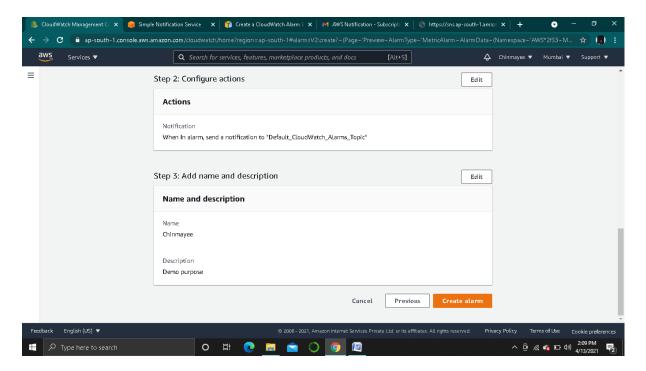
- 10. Choose Next.
- 11. Enter a name and, optionally, a description for the alarm, and then choose Next.



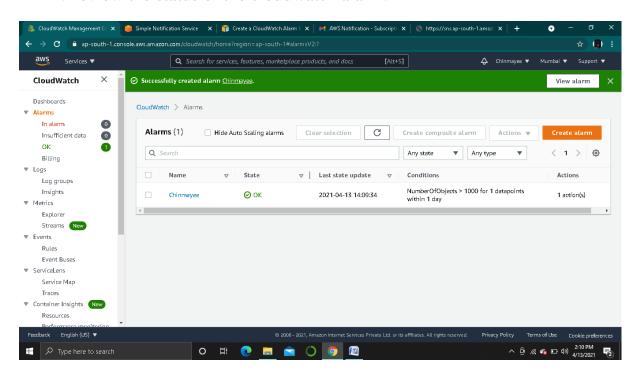
12. Under Preview and create, review and confirm that the alarm settings are what



13. Choose create alarm.



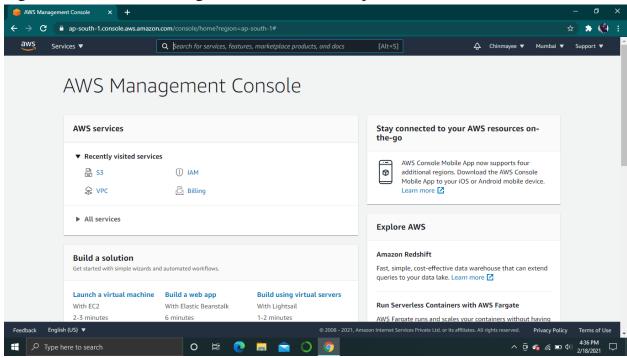
14. Review the status of the cloudwatch alarm.



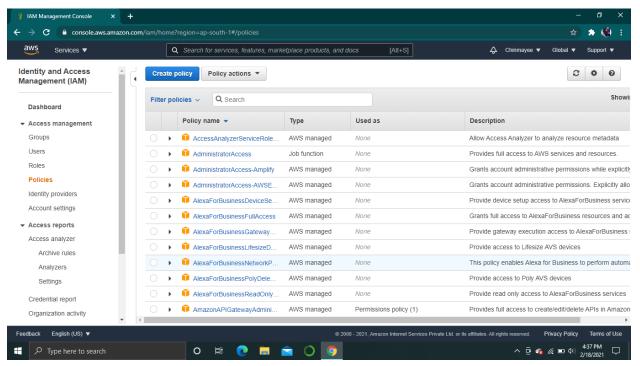
CREATE AN IAM POLICY AND ASSOCIATE A ROLE TO IT AND CONNECT IT USING EC2 INSTANCE

STEPS TO FOLLOW:-

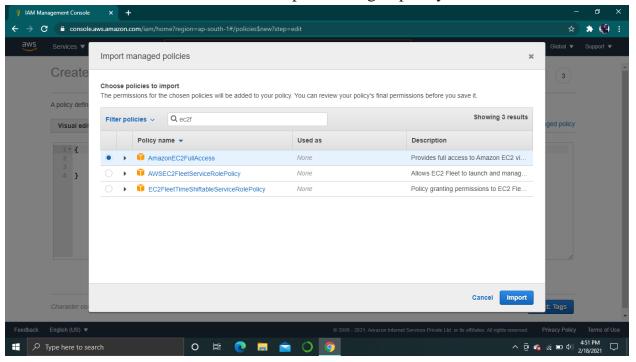
• Sign in to the AWS Management Console and open the IAM service.



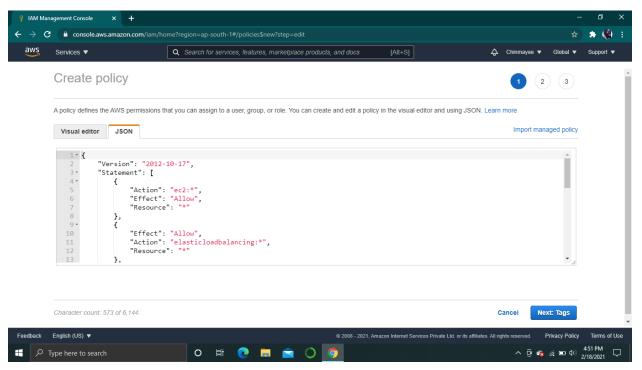
• Choose Policies, and then choose Create Policy.



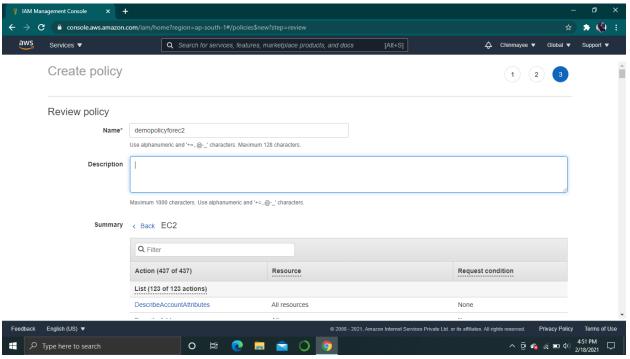
Select the JSON format and choose import managed policy.



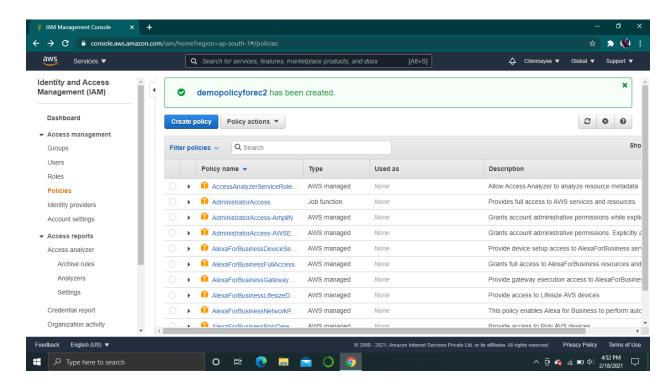
• Select AmazonEC2FullAccess and import it.



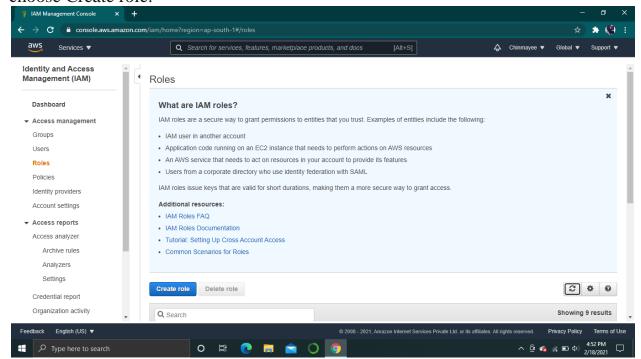
 Choose Next and define the policy with all its description and then select next.



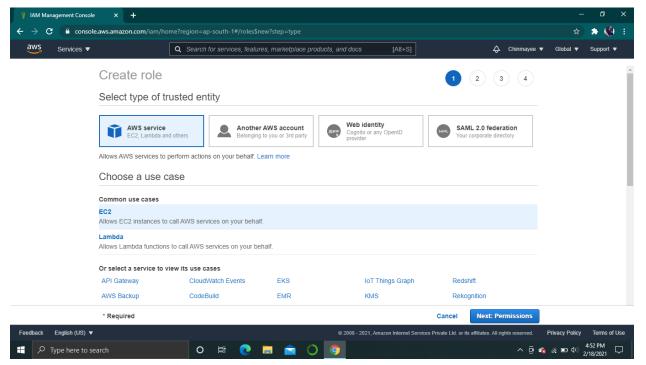
• The policy has been created.



 In the navigation pane of the IAM console, choose Roles, and then choose Create role.

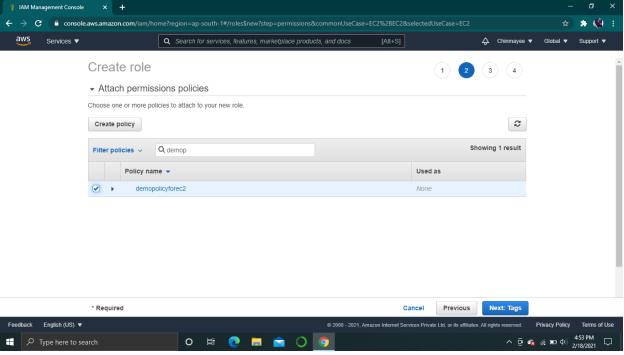


- For Select type of trusted entity, choose AWS service.
- Choose the EC2 service to allow to assume this role.

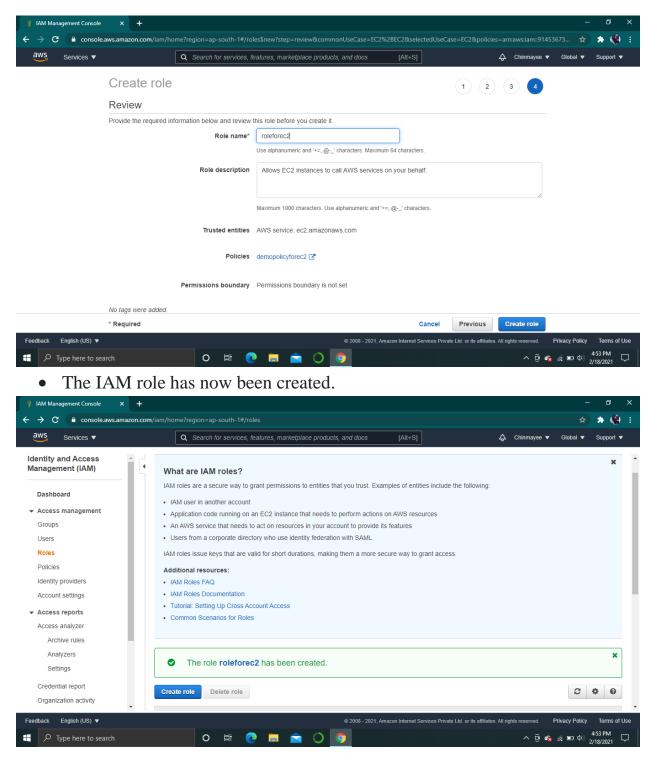


• Choose Next: Permissions.

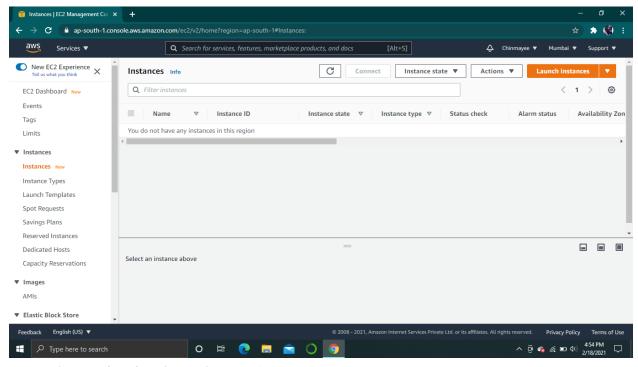
• Select the policy created earlier.



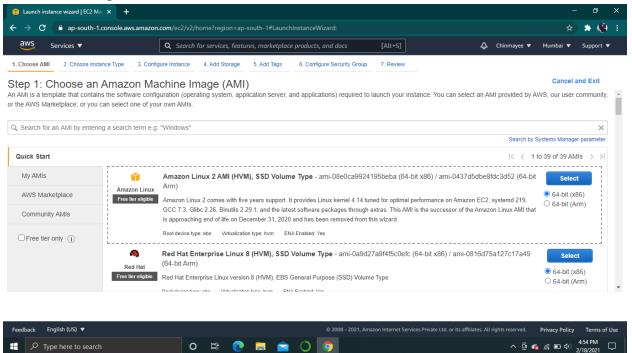
• Choose Next and define the role with all its description and then select next.



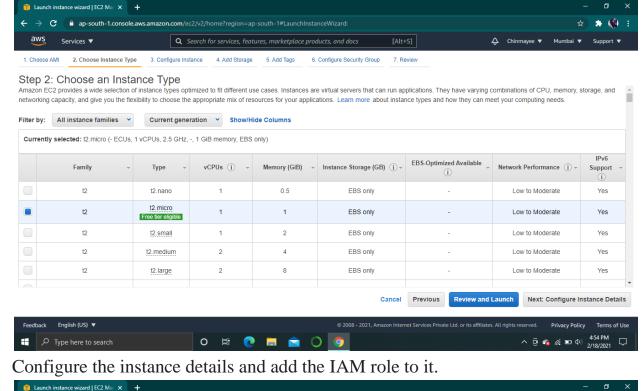
• Open the EC2 console.

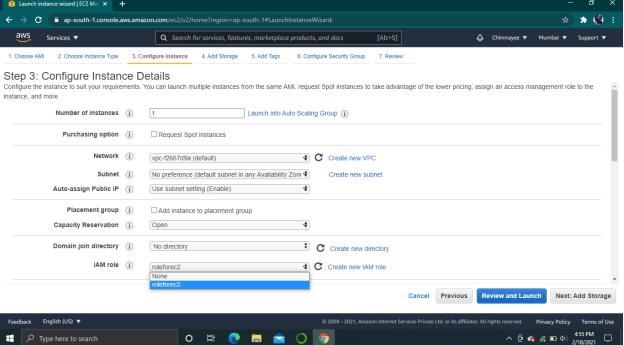


• From the navigation bar, choose AMIs.

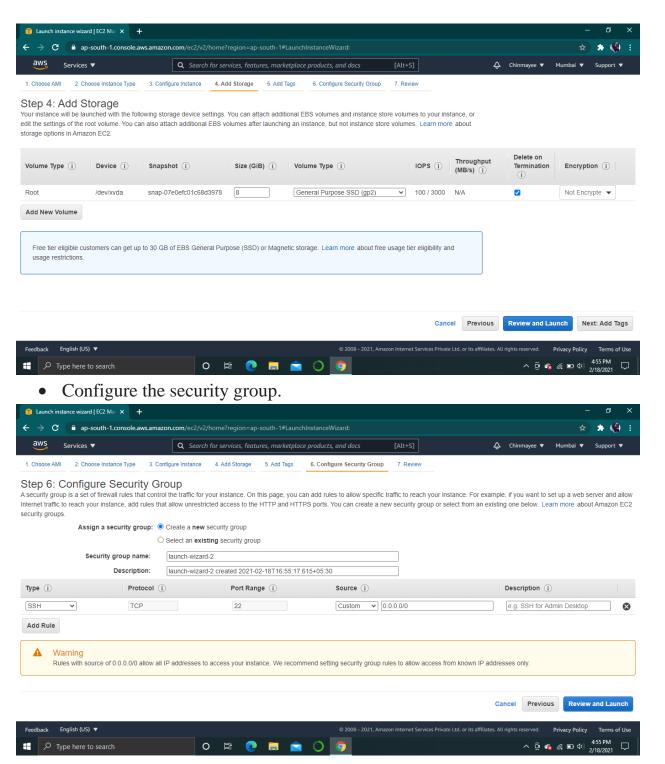


- Select the AMI, and then choose Launch.
- Choose an instance type, and then choose Next.

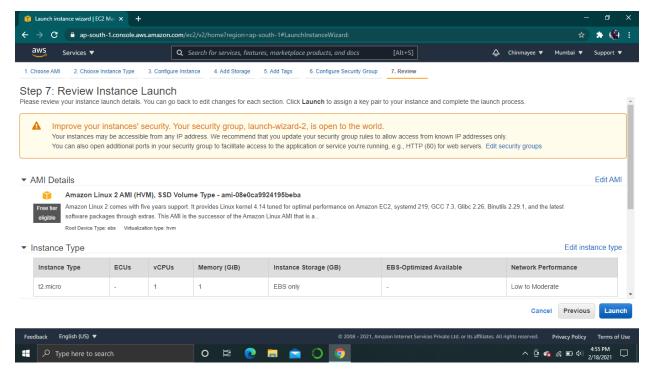




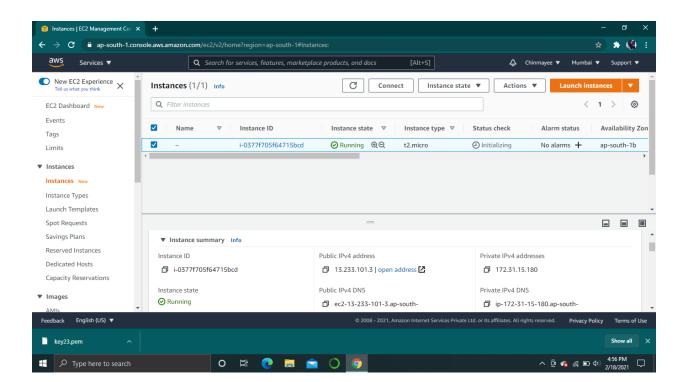
Select Next: Add Storage.



• Select review and launch the instance.



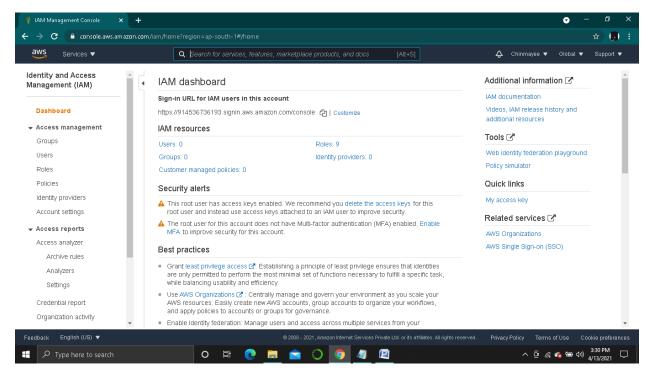
Confirm the status of the instance from the dashboard.



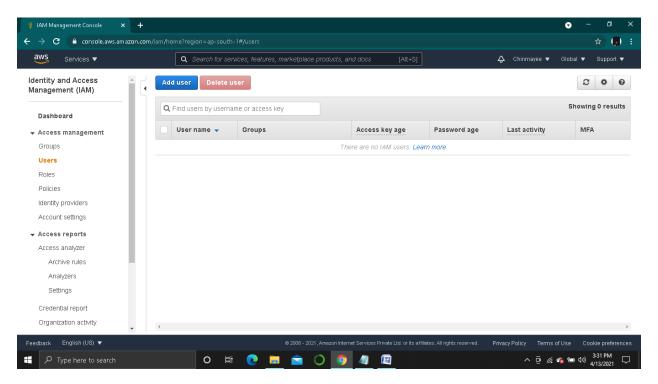
CREATE AN IAM USER AND ROLE

Steps to be Followed:-

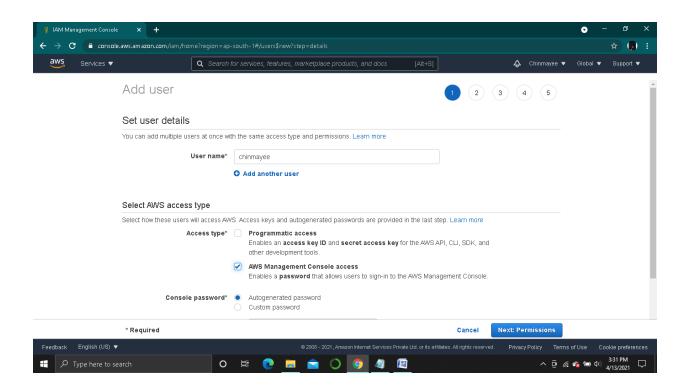
 Sign in to aws management console and search for IAM and the dashboard will appear.



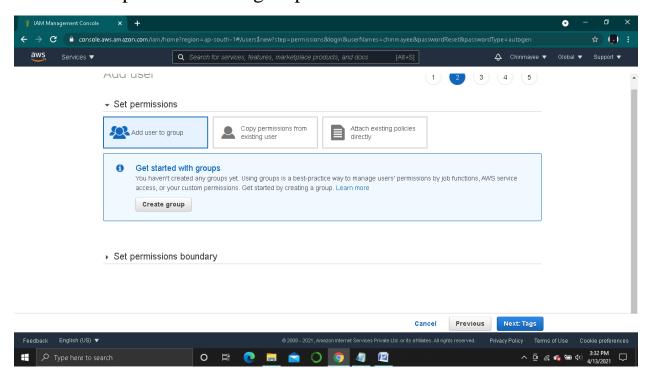
• In navigation pane choose user and then choose add user



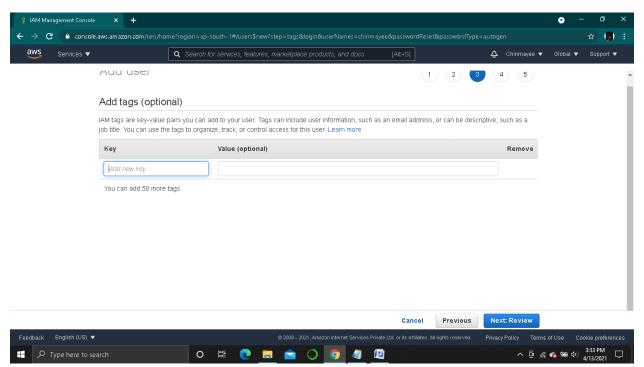
• Give the user a unique name and select the aws management console access type as aws management console access and choose auto generate password



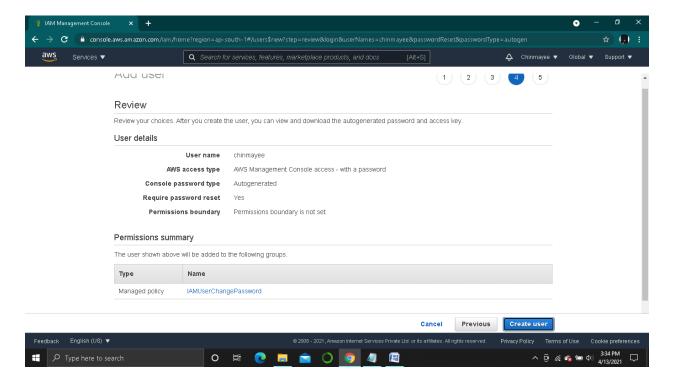
• On set permission assign a permission to set the new user



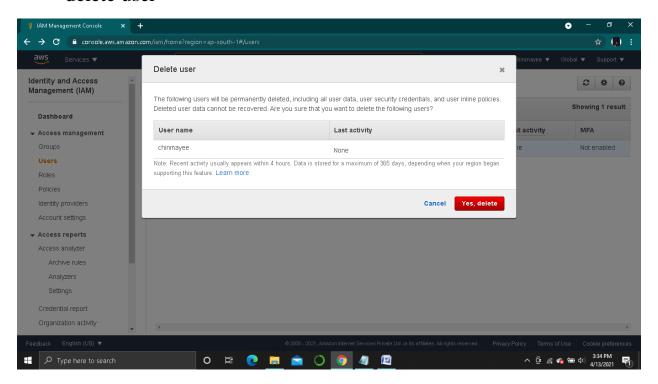
• Add a tag if required its optional and click next



• Click on create user

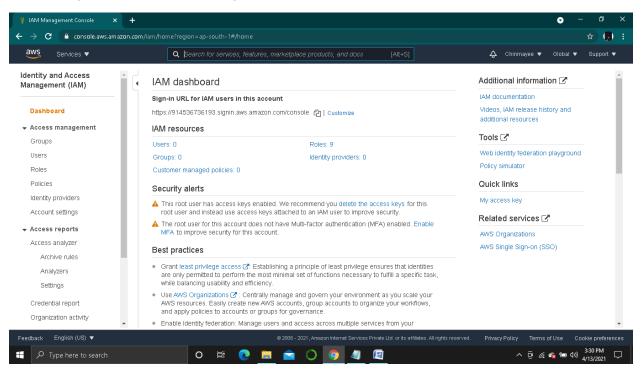


• To delete the user go to IAM console dashboard and click on delete user

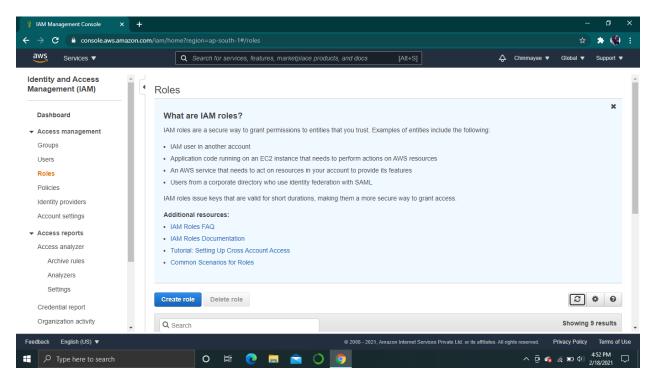


IAM ROLE

• Sign in to aws management console.

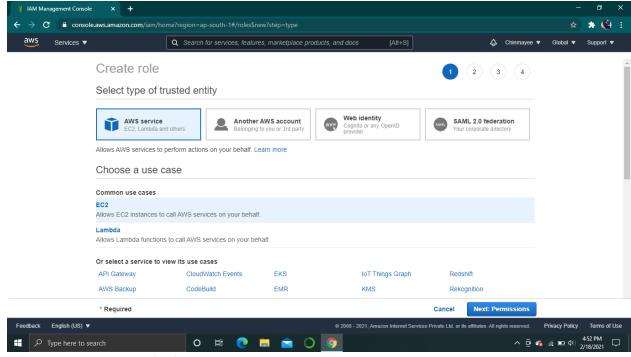


• In navigation panel choose role and then create roles.

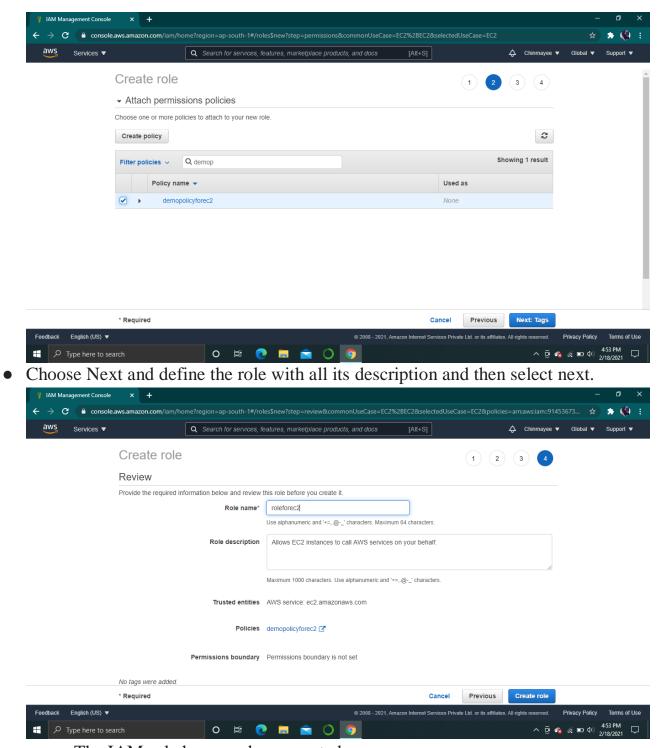


• For Select type of trusted entity, choose AWS service.

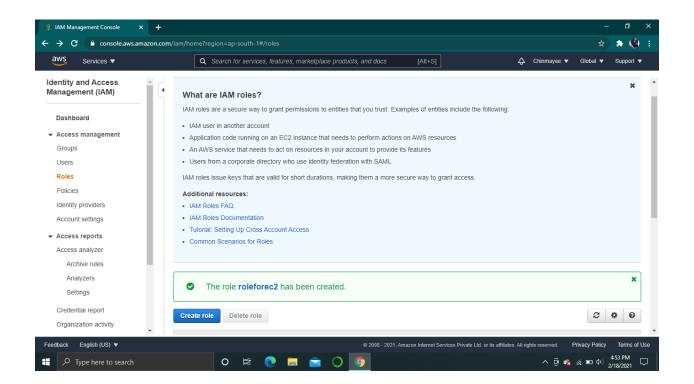
• Choose the EC2 service to allow to assume this role.



• Choose Next: Permissions.

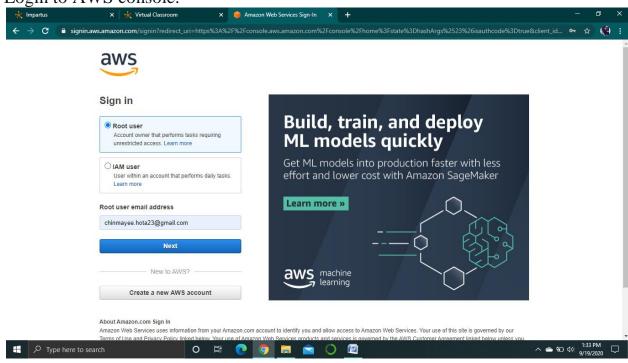


• The IAM role has now been created.

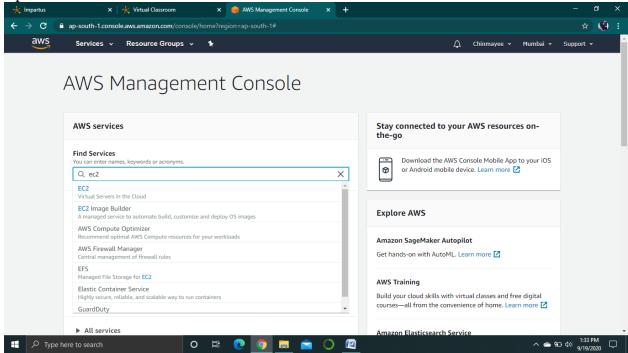


IMPLEMENTING ELASTIC LOAD BALANCING

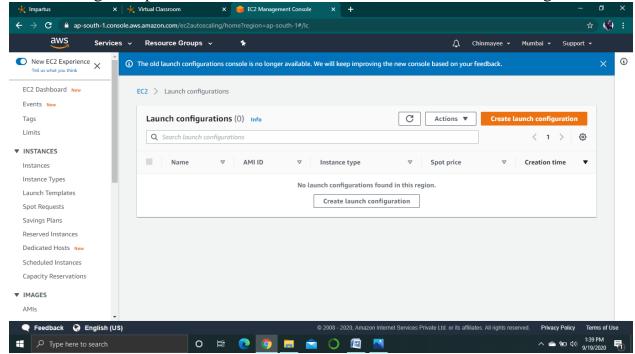
1. Login to AWS console.



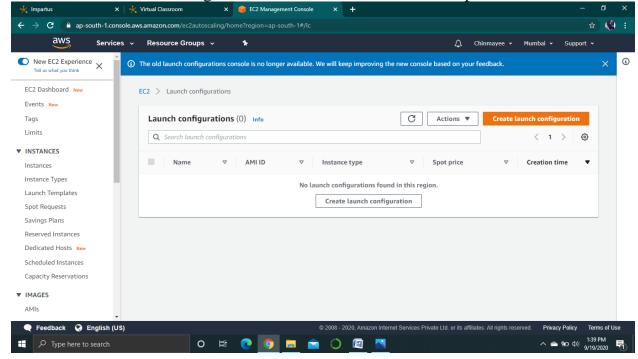
2. Open the Amazon EC2 service.



3. On the navigation pane, under AUTO SCALING, choose Launch Configurations.



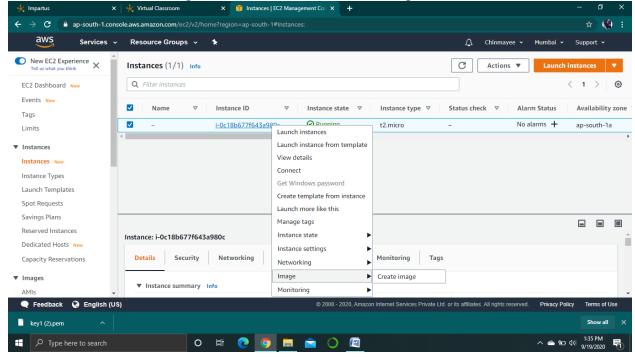
4. Create a new launch configuration, and then choose Next Step.



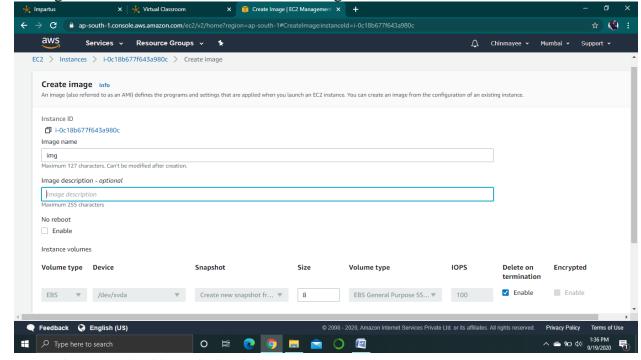
- 5. Configure all the details.
- 6. For selecting a free eligible AMI.
 - Launch an EC2 instance.

• Select the EC2 instance and choose actions.

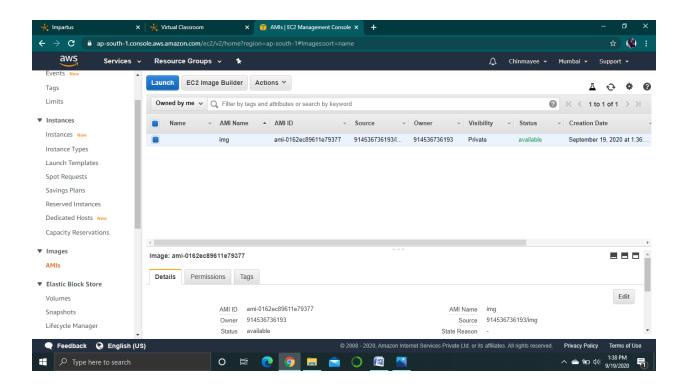
• From actions select Image and then select Create Image.



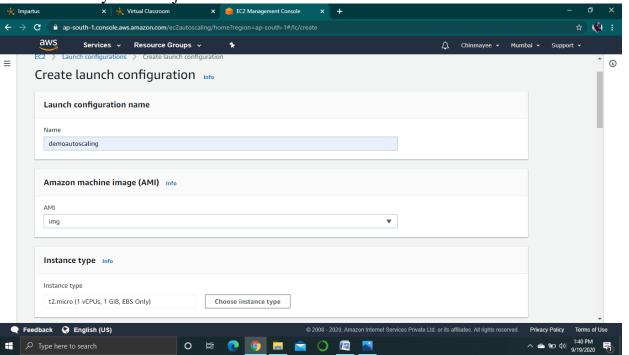
• Configure the details and select Create Image.



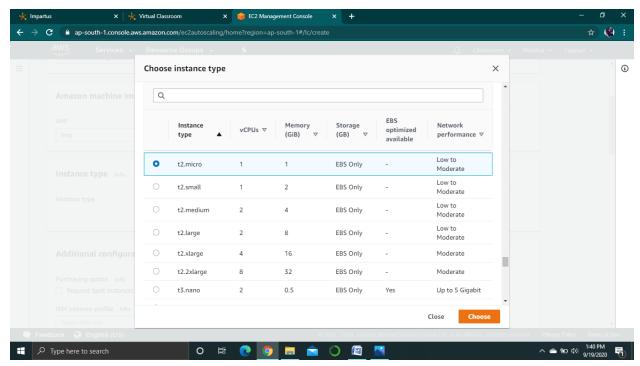
• From the AMI dashboard check the status.



7. Add the AMI you have just created.

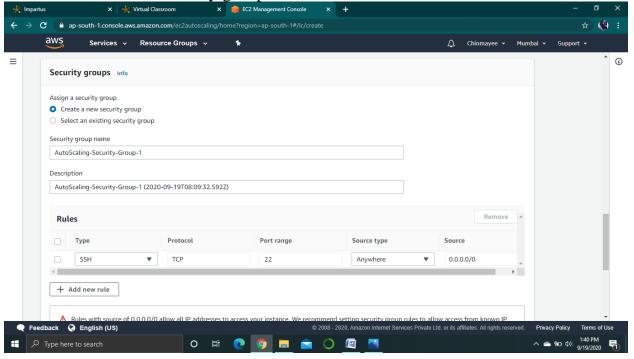


8. For the Choose Instance Type step, select a t2.micro instance.

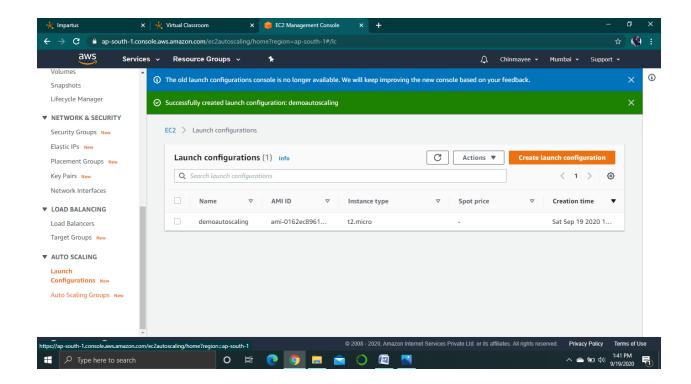


9. Choose Next: Configure details.

10. Select Create a new security group.

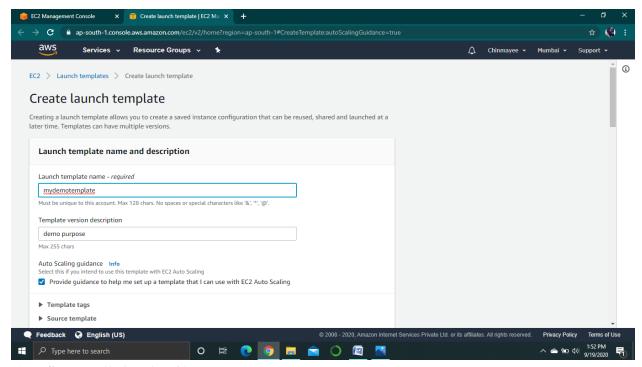


- 11. Choose Create launch configuration.
- 12. The wizard to Launch a Configuration is displayed.

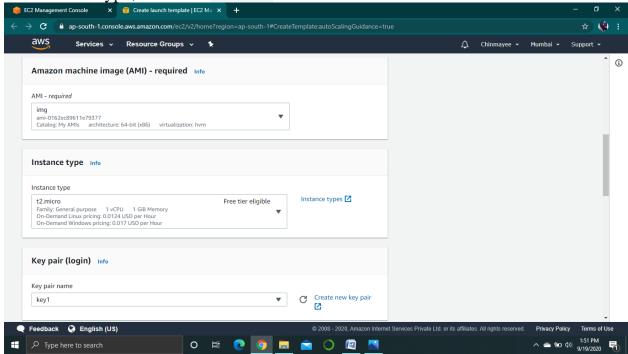


CONFIGURE A LAUCH TEMPLATE

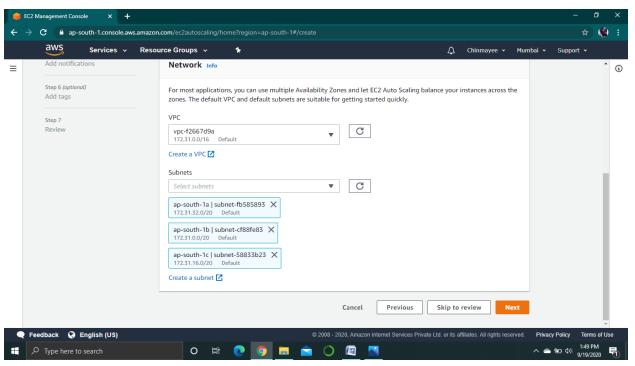
- 1. Login to AWS console.
- 2. Open the Amazon EC2 service.
- 3. On the navigation pane, under INSTANCES, choose Launch Templates.
- 4. Choose Create launch template.



- 5. Configure all the details.
- 6. For AMI ID, choose a version of AMI you have created.
- 7. For Instance type, choose a t2.micro instance.

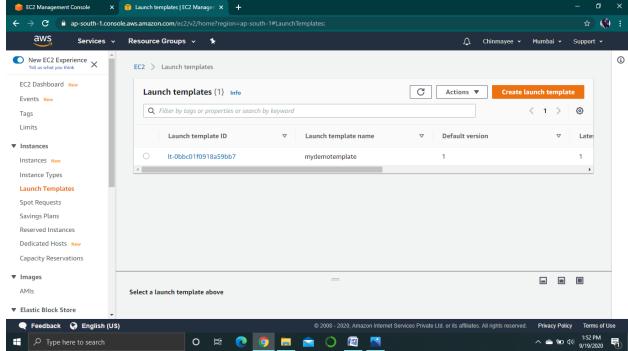


- 8. For Key pair name, choose an existing key pair.
- 9. Leave Network type set to VPC.



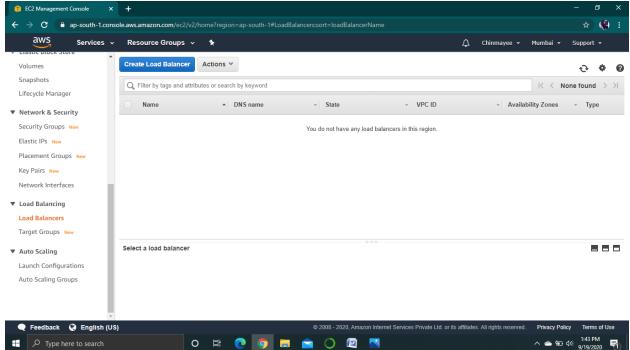
- 10. For Security Groups, specify the default security group for the VPC.
- 11. Configure default settings for EBS.
- 12. Leave Network Interfaces empty.
- 13. Scroll down and choose Create launch template.

14. The wizard for Launching a template is displayed.

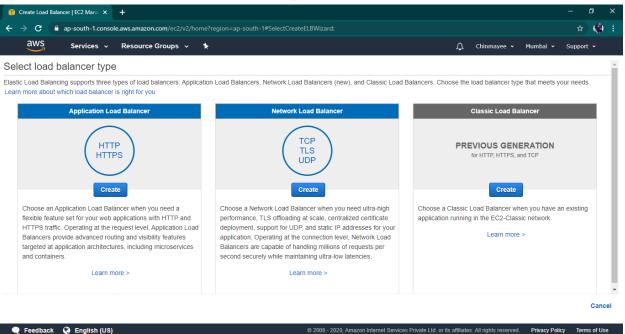


CONFIGURE LOAD BALANCING

- 1. Sign into AWS console and select EC2 service.
- 2. On the navigation pane, under LOAD BALANCING, choose Load Balancers and then choose create load balancer.

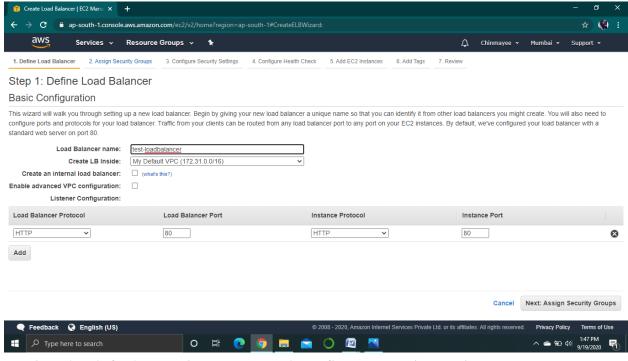


3. Choose Classic Load Balancer as the type of load balancer.

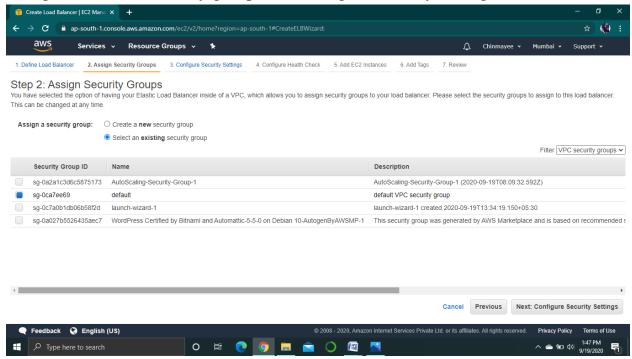




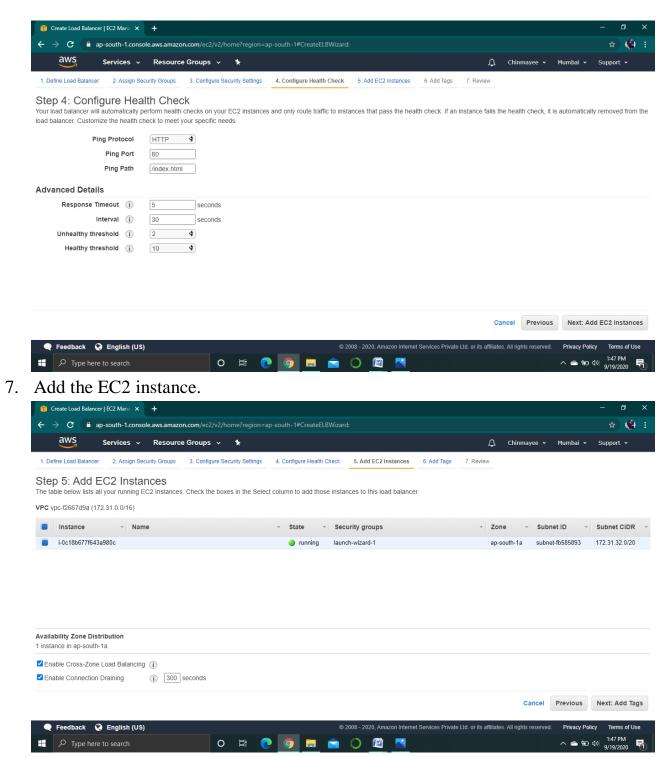
4. Define the Load Balancer and configure all its details.



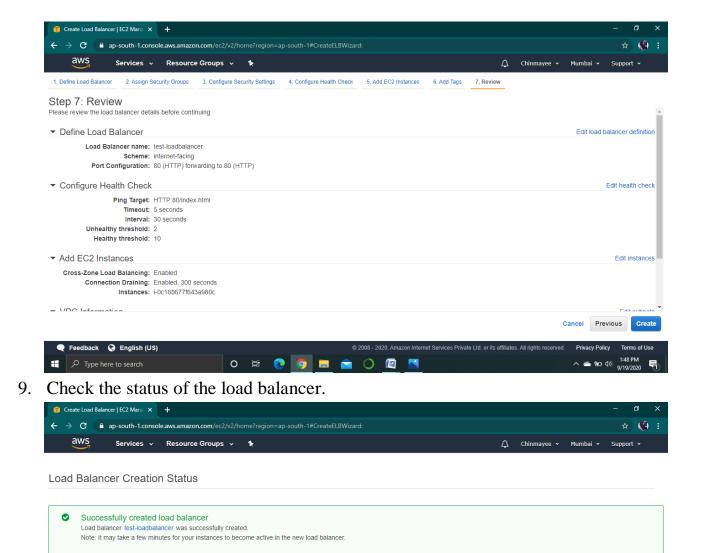
5. Assign the default security groups and configure security settings.



6. Configure the health check.



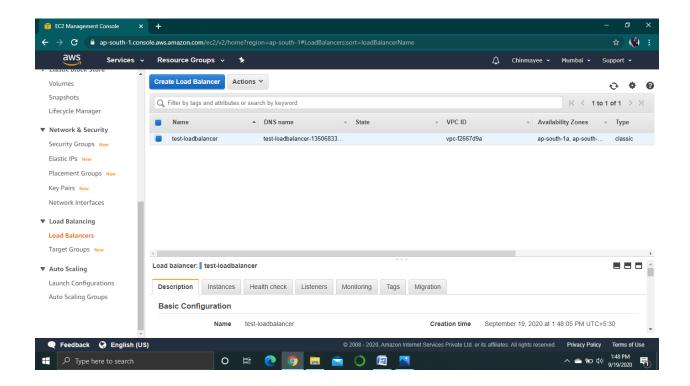
8. Add tags and click on review.





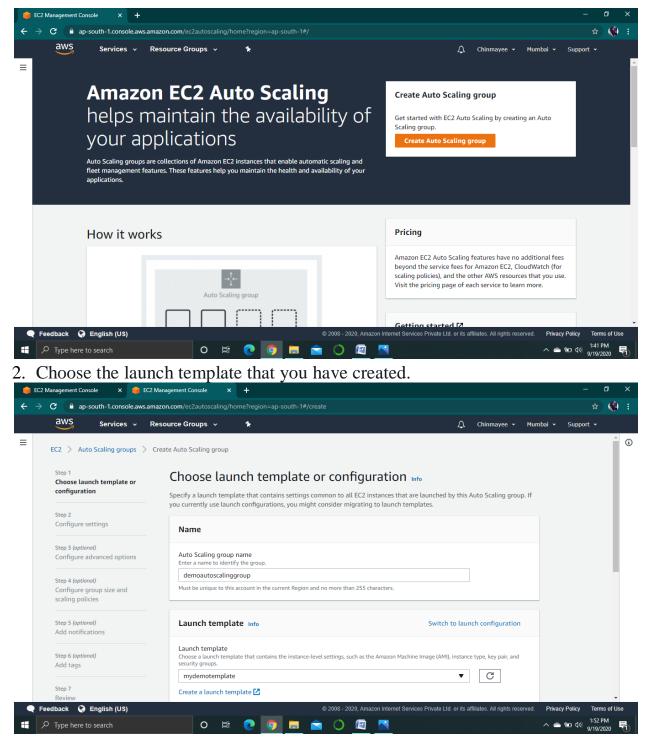
Close

10. The load balancer created will be displayed on the dashboard.

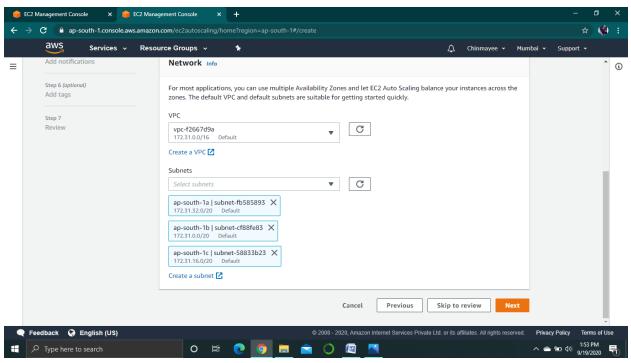


IMPLEMENTING AUTO SCALING GROUP

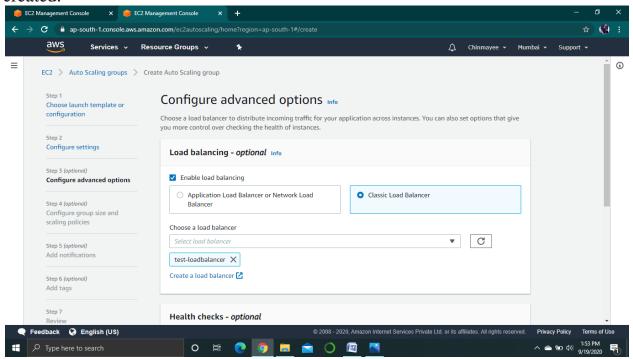
1. From EC2 dashboard, on the Auto Scaling groups page, choose Create an Auto Scaling group.



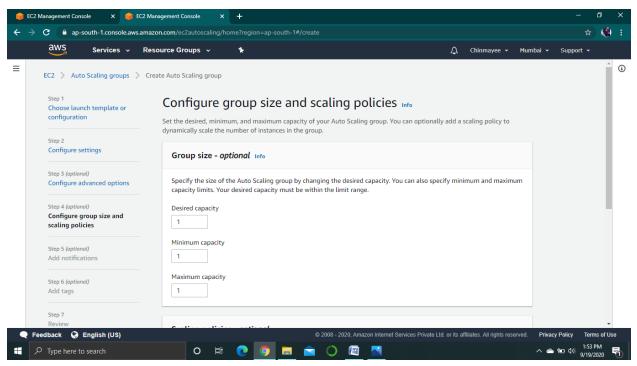
- 3. Choose the default version of the launch template to use when scaling out.
- 4. Choose Next.
- 5. Keep Network set to the default VPC for your chosen AWS Region.
- 6. For **Subnet**, choose a subnet from each Availability Zone that you want to include.



7. Enable the load balancing option and select the load balancer which you have created.

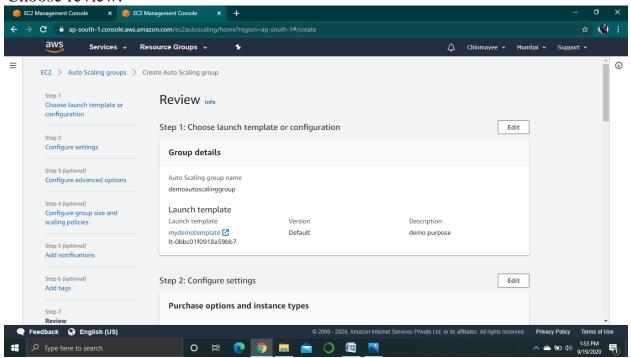


8. Configure the group size and scaling policy. Choose desired capacity as 1.

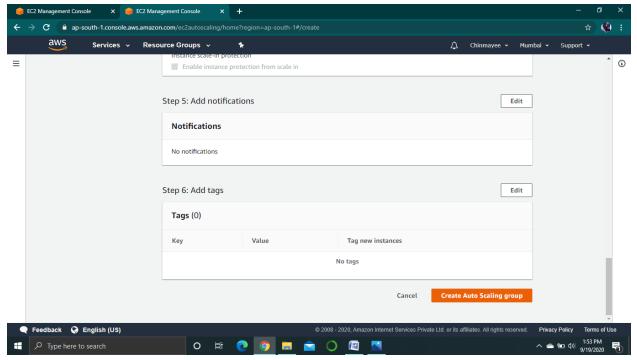


9. Notifications and tags can be added.

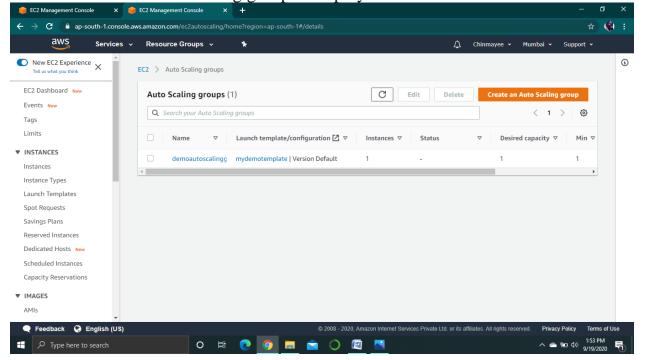
10. Choose review.



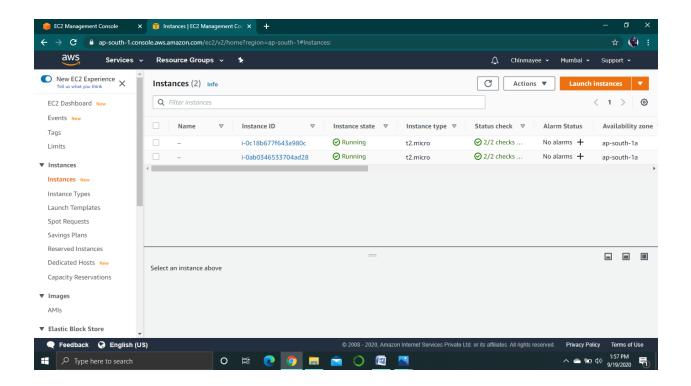
11. Choose Create Auto Scaling group.



12. The wizard for Auto scaling group is displayed.

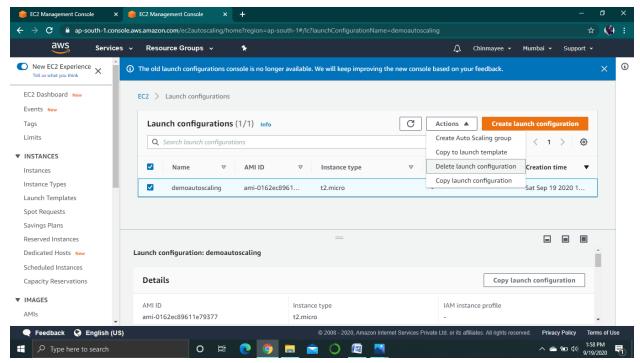


- 13. Verify whether Auto scaling group has created EC2 instance.
- 14. The instance has been launched successfully.

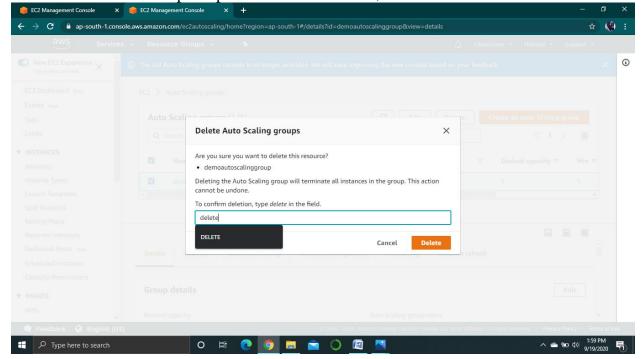


DETACHING EC2 INSTANCE FROM LOAD BALANCING

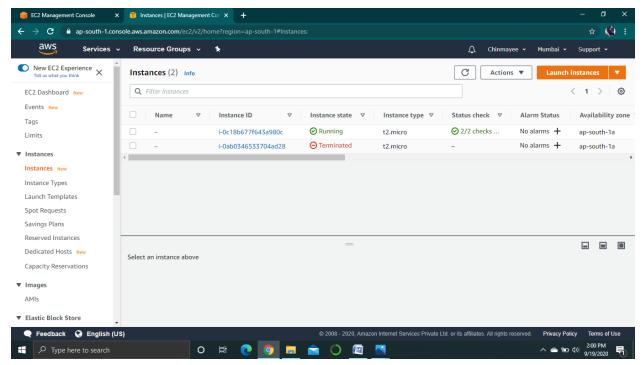
- 1. Open the Amazon EC2 console.
- 2. On the navigation pane, under AUTO SCALING, choose Auto Scaling Groups.
- 3. Select the check box next to your Auto Scaling group.



4. Choose Delete. When prompted for confirmation, choose Delete.

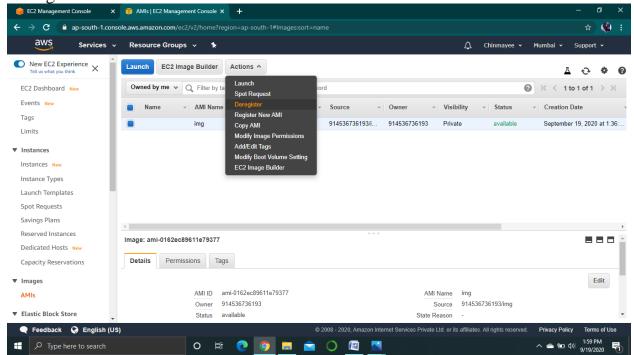


- 5. On the navigation pane, under AUTO SCALING, choose Launch Configuration.
- 6. Select the actions, and choose delete Launch Configuration.
- 7. Choose Delete. When prompted for confirmation, choose Delete.
- 8. The instances created will also get terminated.

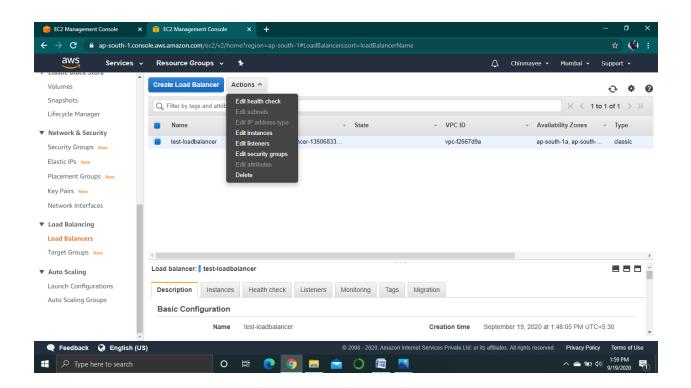


9. Terminate the instance created for AMI.

10. Deregister the AMI created.

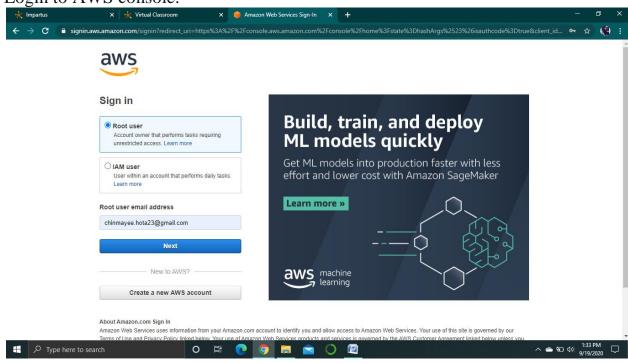


11. Select the load balancer you have created and select actions and then delete.

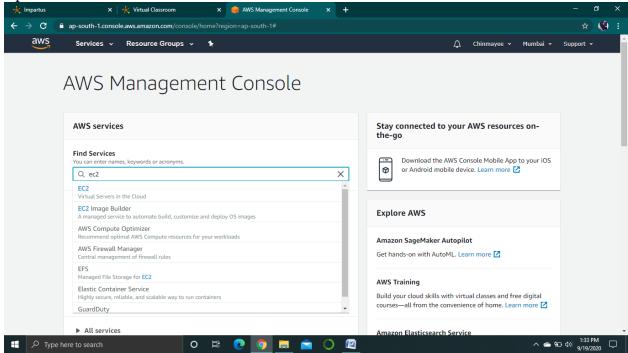


IMPLEMENTING ELASTIC LOAD BALANCING

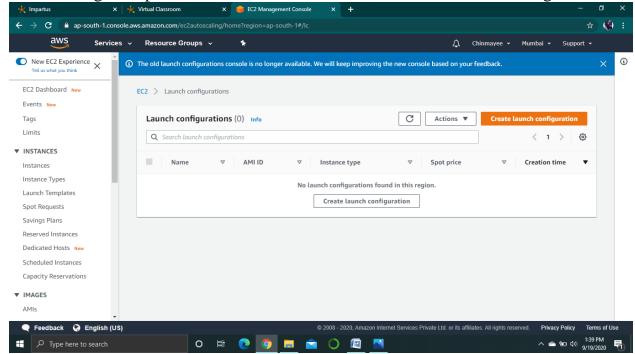
1. Login to AWS console.



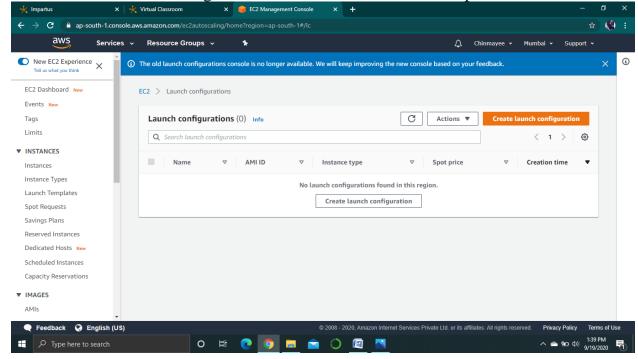
2. Open the Amazon EC2 service.



3. On the navigation pane, under AUTO SCALING, choose Launch Configurations.



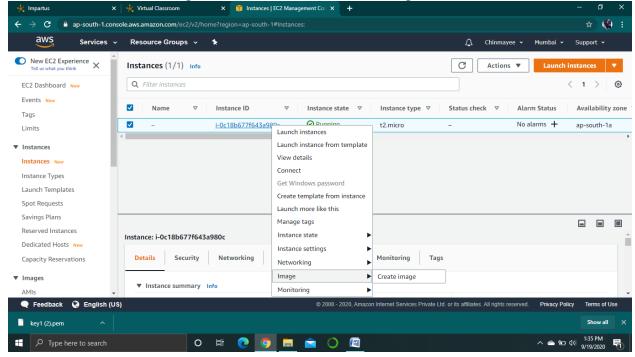
4. Create a new launch configuration, and then choose Next Step.



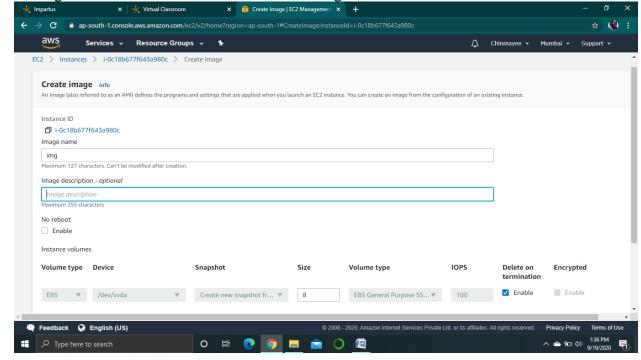
- 5. Configure all the details.
- 6. For selecting a free eligible AMI.
 - Launch an EC2 instance.

• Select the EC2 instance and choose actions.

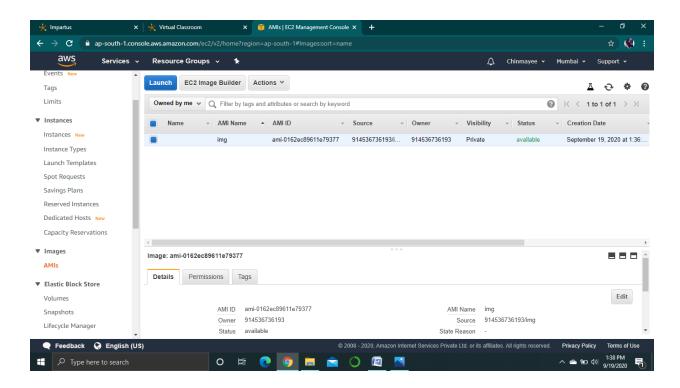
• From actions select Image and then select Create Image.



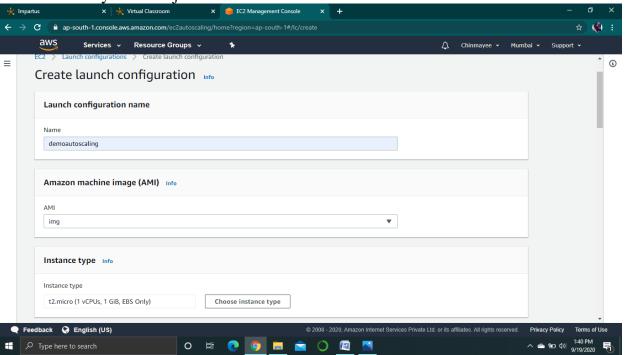
• Configure the details and select Create Image.



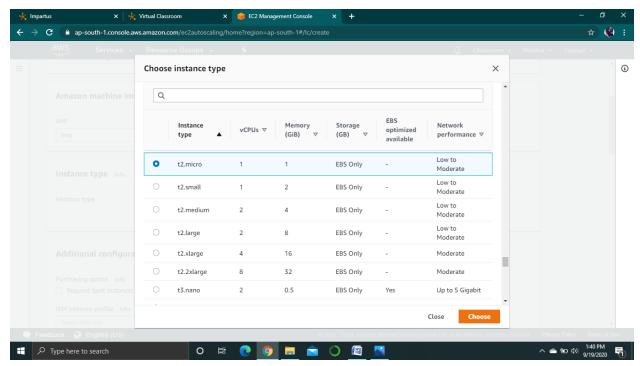
• From the AMI dashboard check the status.



7. Add the AMI you have just created.

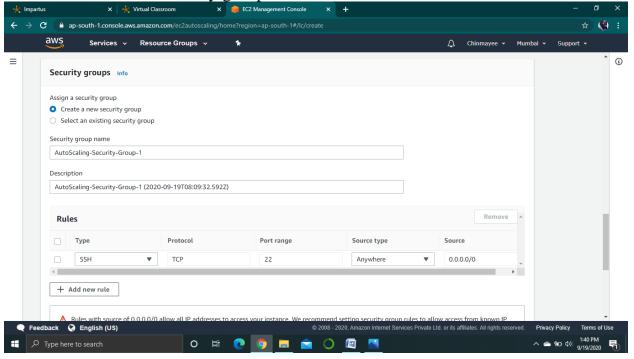


8. For the Choose Instance Type step, select a t2.micro instance.

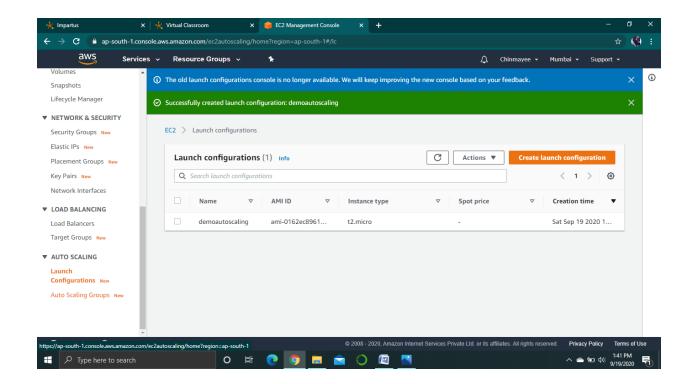


9. Choose Next: Configure details.

10. Select Create a new security group.

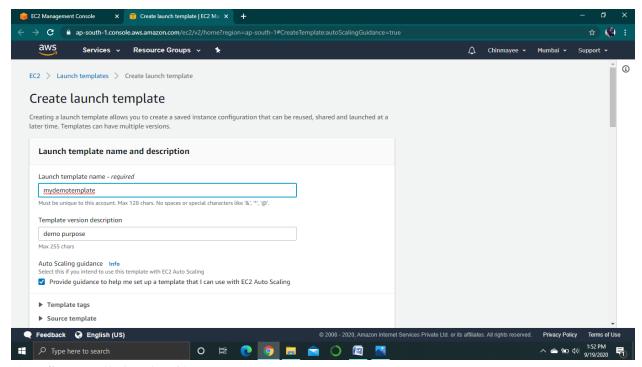


- 11. Choose Create launch configuration.
- 12. The wizard to Launch a Configuration is displayed.

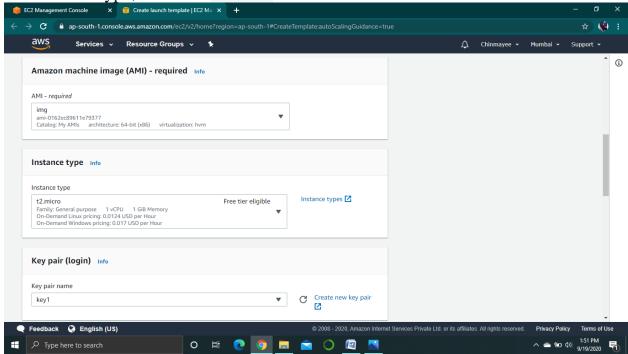


CONFIGURE A LAUCH TEMPLATE

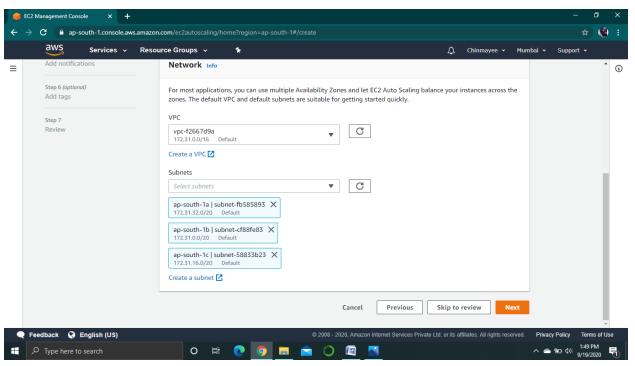
- 1. Login to AWS console.
- 2. Open the Amazon EC2 service.
- 3. On the navigation pane, under INSTANCES, choose Launch Templates.
- 4. Choose Create launch template.



- 5. Configure all the details.
- 6. For AMI ID, choose a version of AMI you have created.
- 7. For Instance type, choose a t2.micro instance.

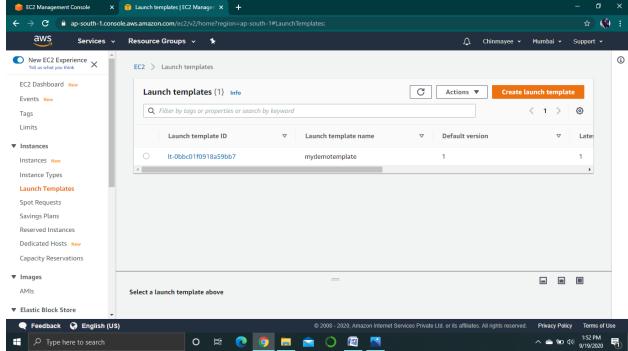


- 8. For Key pair name, choose an existing key pair.
- 9. Leave Network type set to VPC.



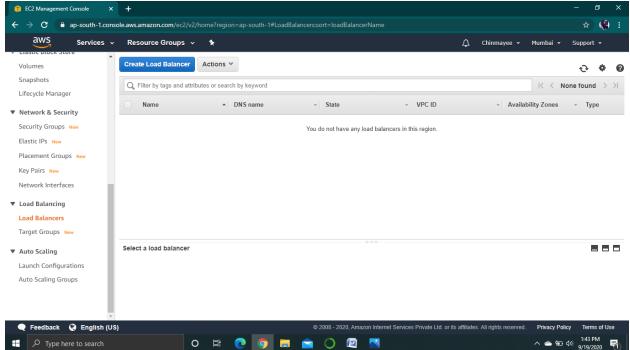
- 10. For Security Groups, specify the default security group for the VPC.
- 11. Configure default settings for EBS.
- 12. Leave Network Interfaces empty.
- 13. Scroll down and choose Create launch template.

14. The wizard for Launching a template is displayed.

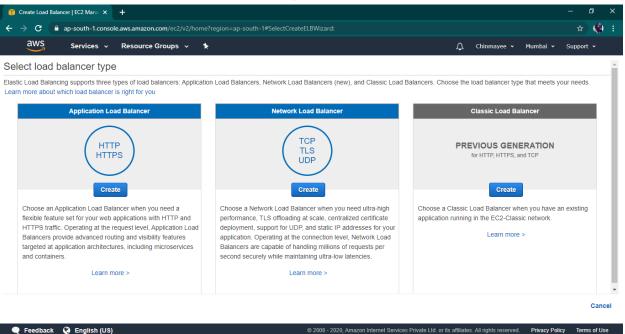


CONFIGURE LOAD BALANCING

- 1. Sign into AWS console and select EC2 service.
- 2. On the navigation pane, under LOAD BALANCING, choose Load Balancers and then choose create load balancer.

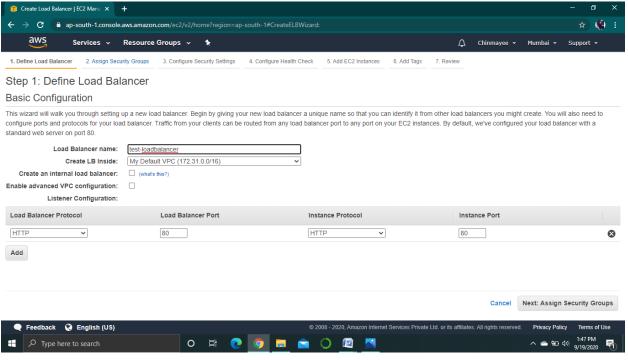


3. Choose Classic Load Balancer as the type of load balancer.

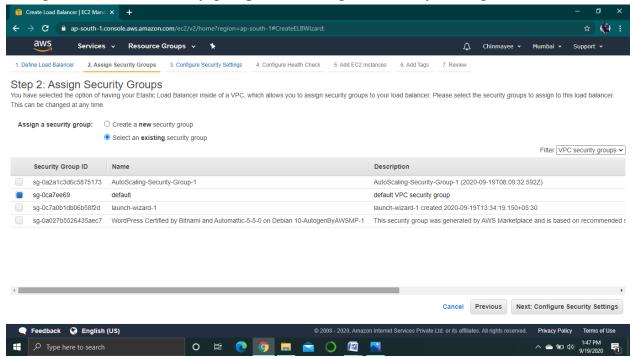




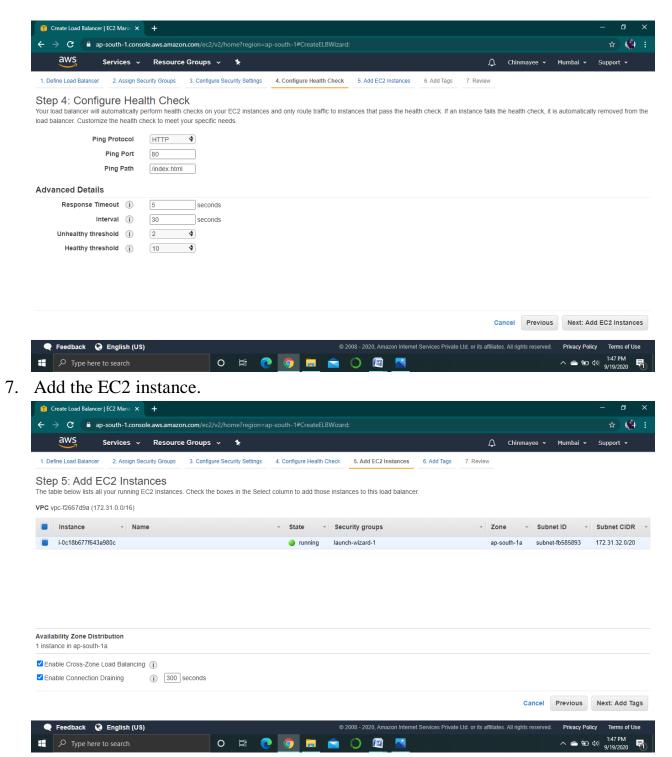
4. Define the Load Balancer and configure all its details.



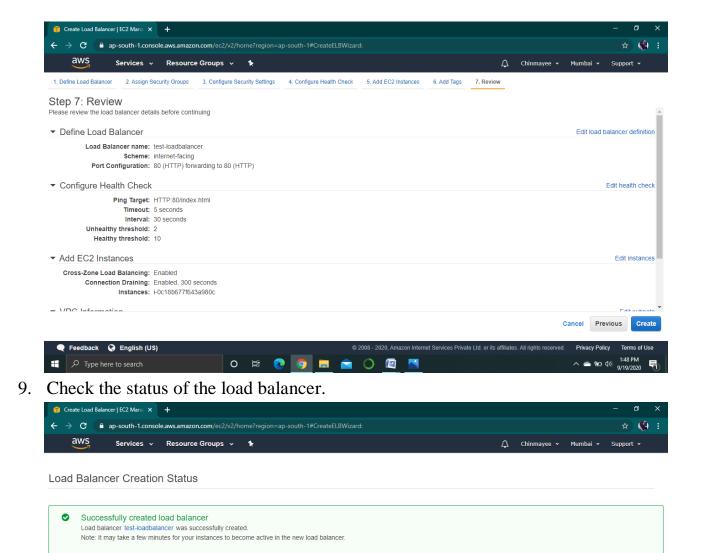
5. Assign the default security groups and configure security settings.



6. Configure the health check.



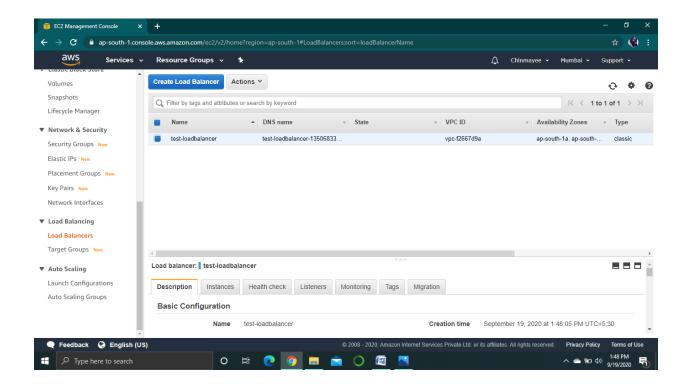
8. Add tags and click on review.





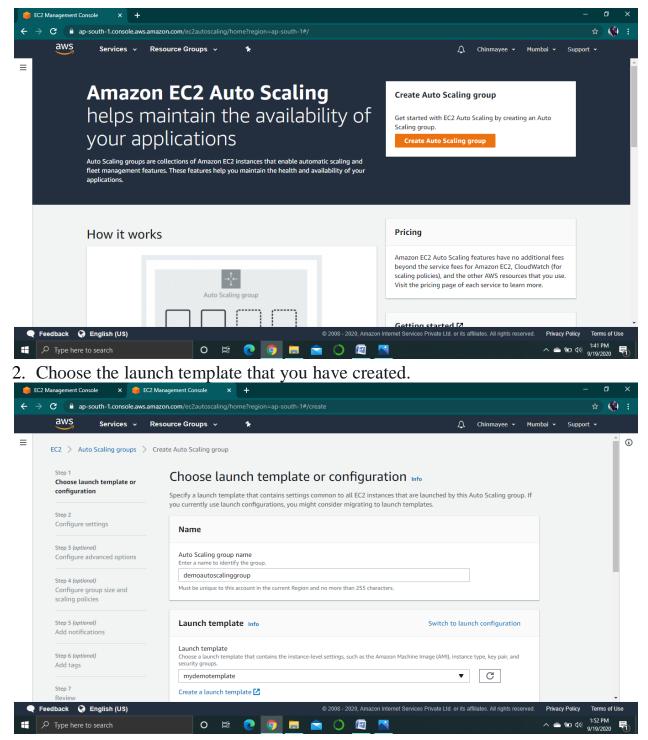
Close

10. The load balancer created will be displayed on the dashboard.

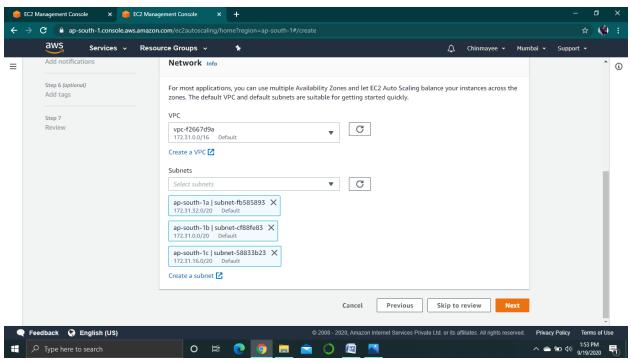


IMPLEMENTING AUTO SCALING GROUP

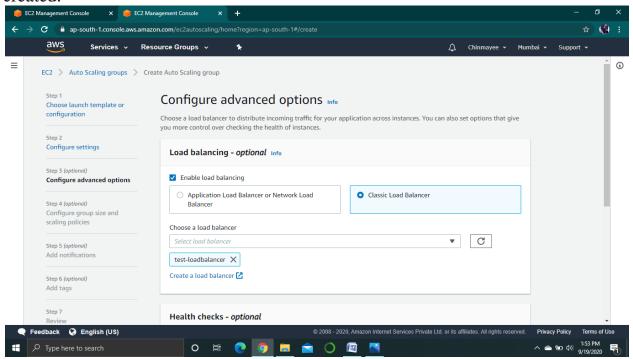
1. From EC2 dashboard, on the Auto Scaling groups page, choose Create an Auto Scaling group.



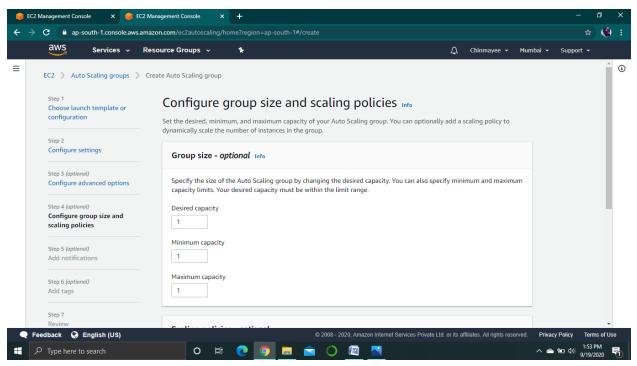
- 3. Choose the default version of the launch template to use when scaling out.
- 4. Choose Next.
- 5. Keep Network set to the default VPC for your chosen AWS Region.
- 6. For **Subnet**, choose a subnet from each Availability Zone that you want to include.



7. Enable the load balancing option and select the load balancer which you have created.

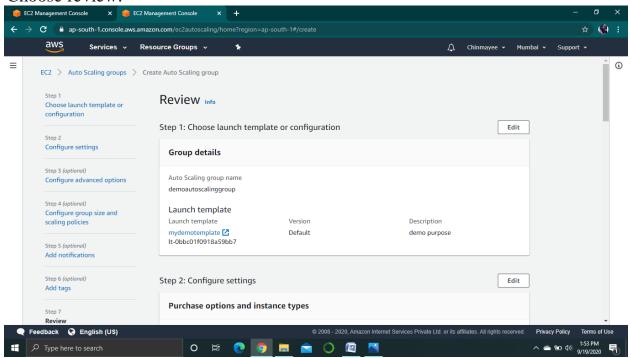


8. Configure the group size and scaling policy. Choose desired capacity as 1.

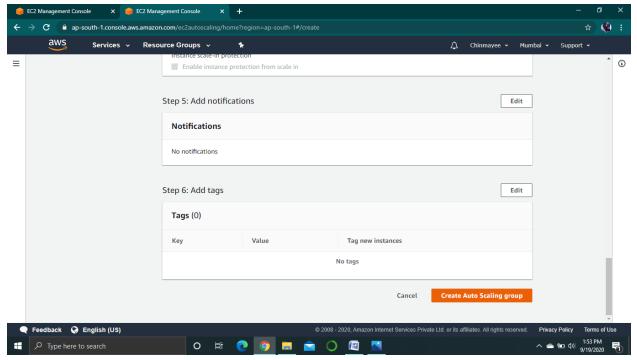


9. Notifications and tags can be added.

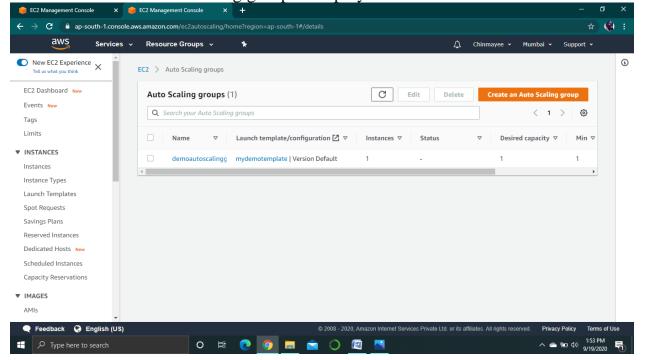
10. Choose review.



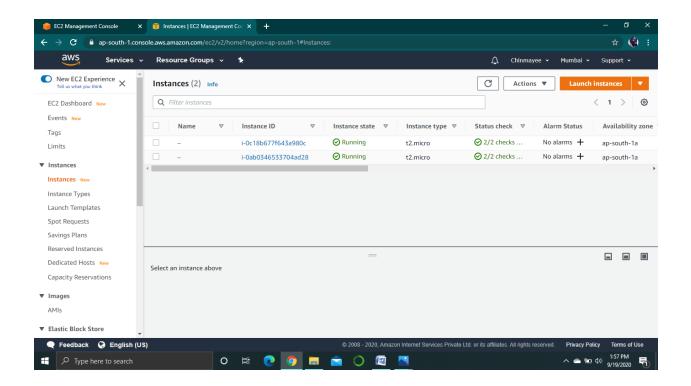
11. Choose Create Auto Scaling group.



12. The wizard for Auto scaling group is displayed.

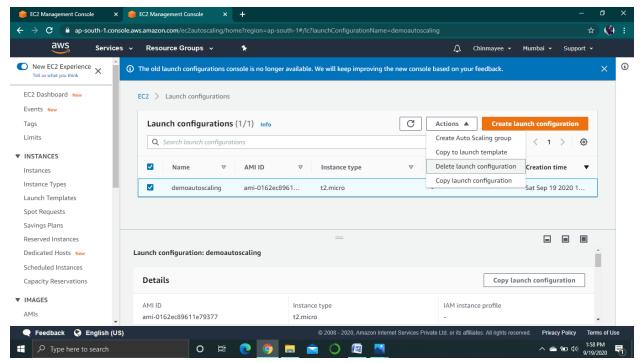


- 13. Verify whether Auto scaling group has created EC2 instance.
- 14. The instance has been launched successfully.

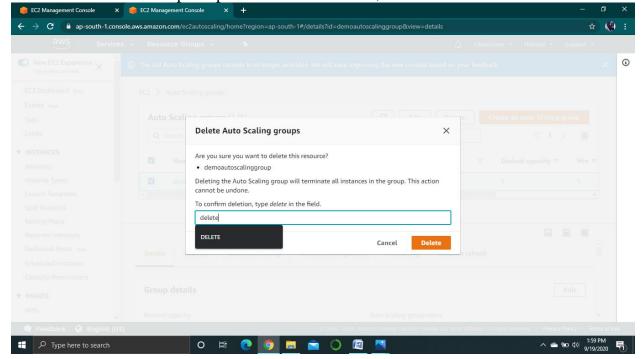


DETACHING EC2 INSTANCE FROM LOAD BALANCING

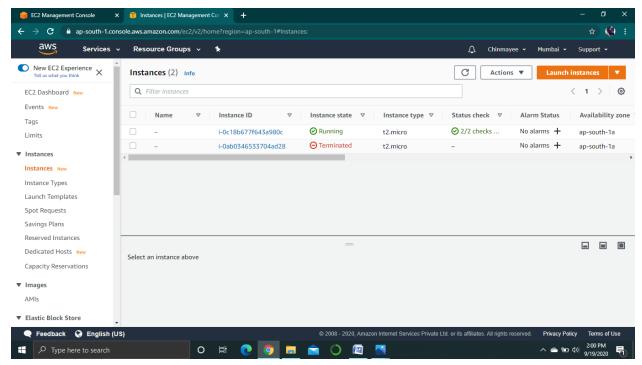
- 1. Open the Amazon EC2 console.
- 2. On the navigation pane, under AUTO SCALING, choose Auto Scaling Groups.
- 3. Select the check box next to your Auto Scaling group.



4. Choose Delete. When prompted for confirmation, choose Delete.

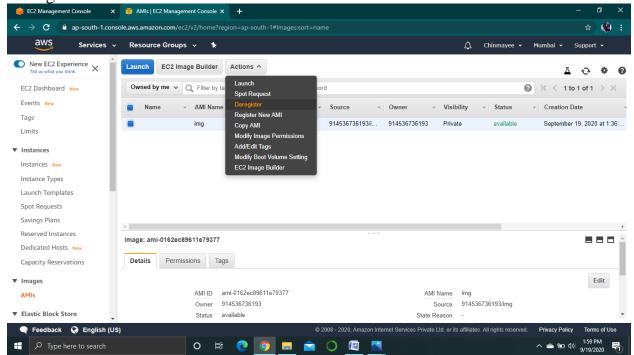


- 5. On the navigation pane, under AUTO SCALING, choose Launch Configuration.
- 6. Select the actions, and choose delete Launch Configuration.
- 7. Choose Delete. When prompted for confirmation, choose Delete.
- 8. The instances created will also get terminated.

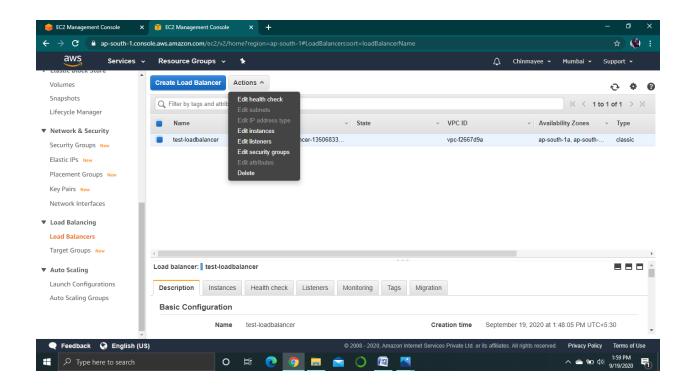


9. Terminate the instance created for AMI.

10. Deregister the AMI created.



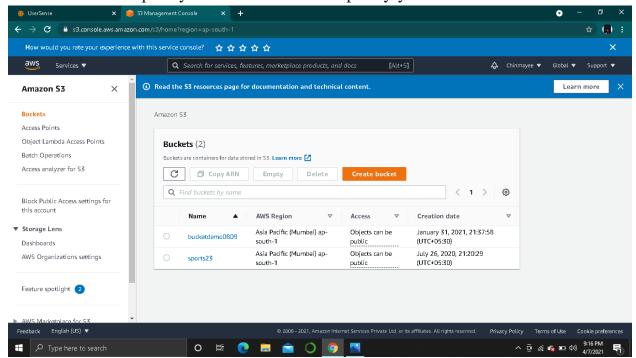
11. Select the load balancer you have created and select actions and then delete.



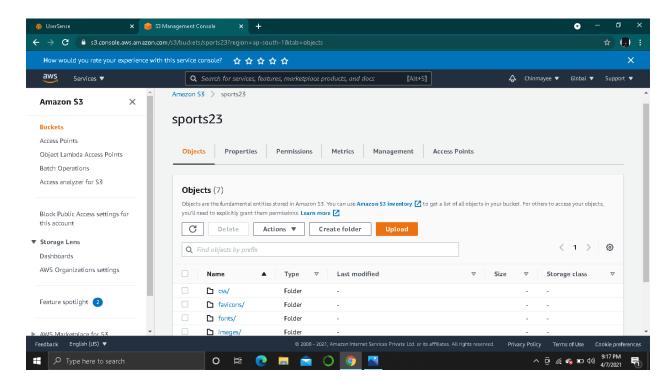
IMPLEMENTATION OF S3 BUCKET POLICYAND VERSIONING

STEPS TO BE FOLLOWED:-

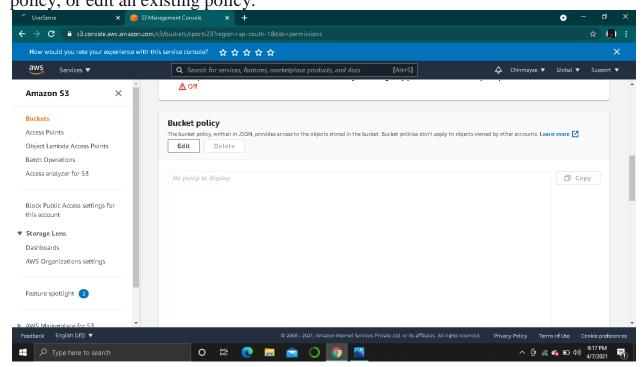
- Sign in to AWS console.
- Open the service S3.
- In the Buckets list, choose the name of the bucket that you want to create a bucket policy for or whose bucket policy you want to edit.



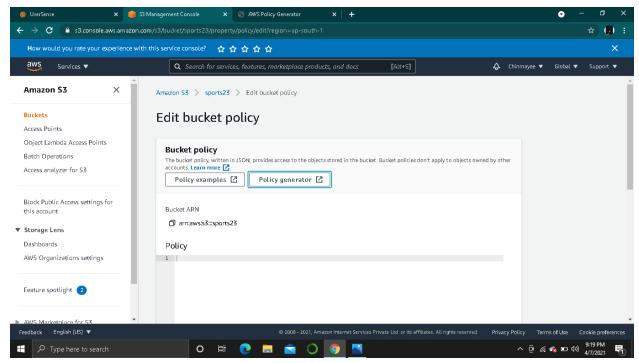
Choose Permissions.



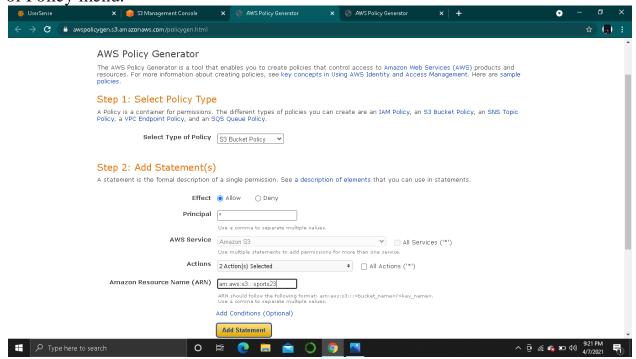
In the Bucket policy editor text box, type or copy and paste a new bucket policy, or edit an existing policy.



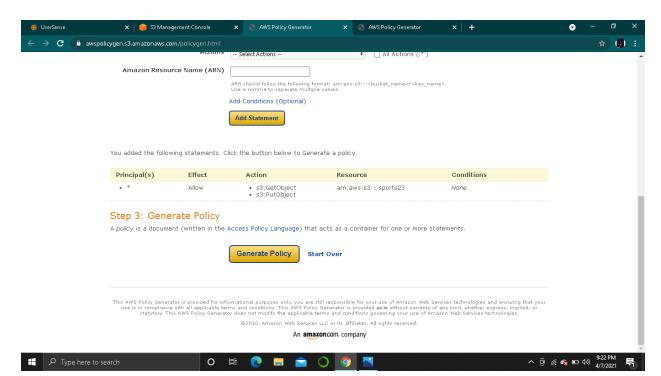
 Choose Policy generator to open the AWS Policy Generator in a new window.



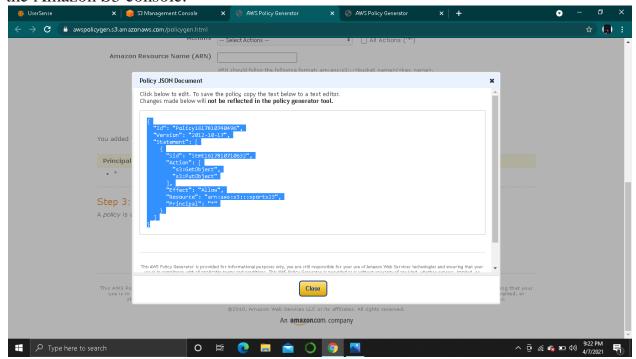
 On the policy generator page, select S3 Bucket Policy from the Select Type of Policy menu.

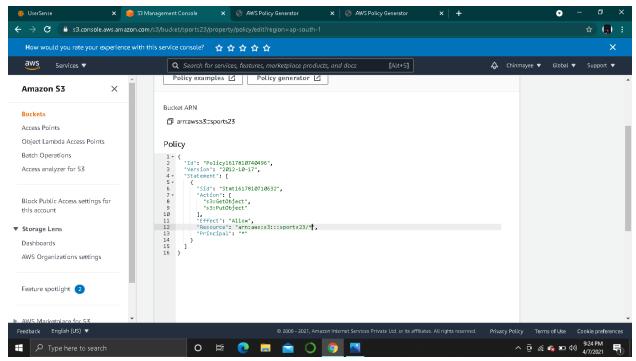


 Add one or more statements by populating the fields presented, and then choose Generate Policy.

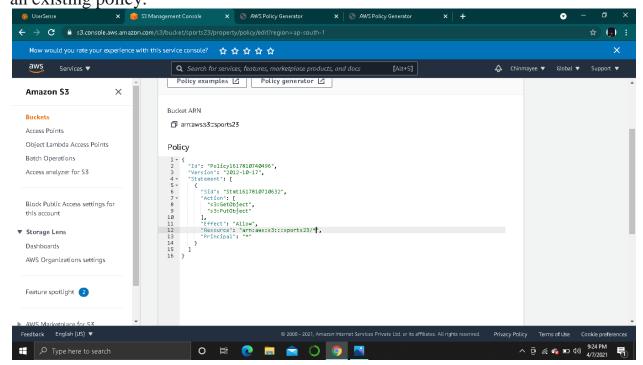


• Copy the generated policy text, and return to the Edit bucket policy page in the Amazon S3 console.

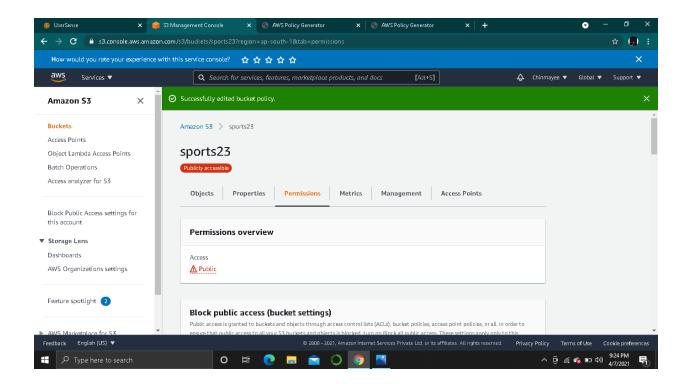




• In the Policy text field, type or copy and paste a new bucket policy, or edit an existing policy.

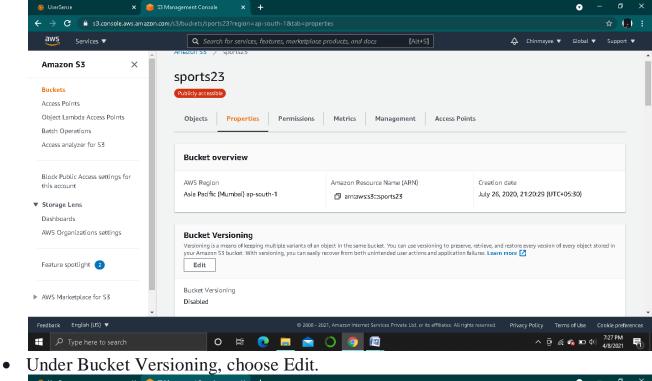


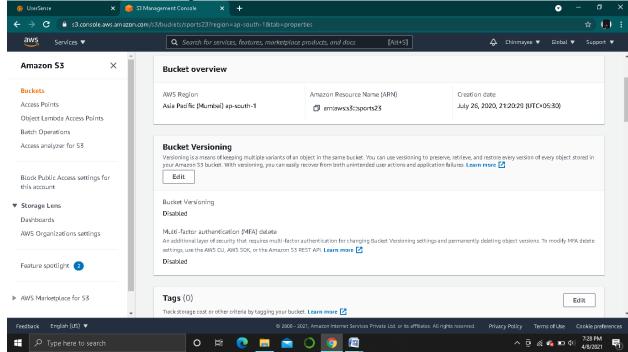
- Preview how your new policy affects public and cross-account access to your resource.
- Choose Save changes.



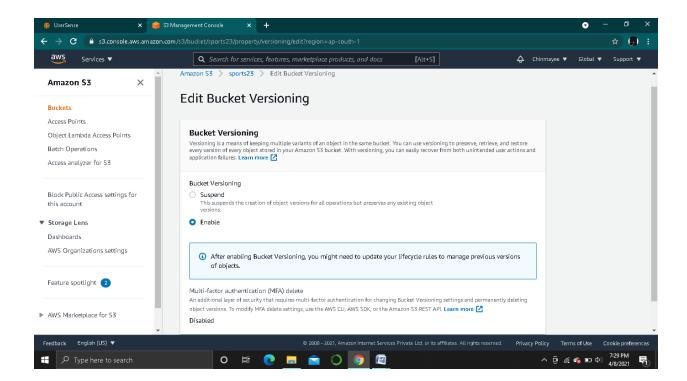
BUCKET VERSIONING

- Sign in to the AWS Management Console and open the Amazon S3.
- In the Buckets list, choose the name of the bucket that you want to enable versioning for.
- Choose Properties.

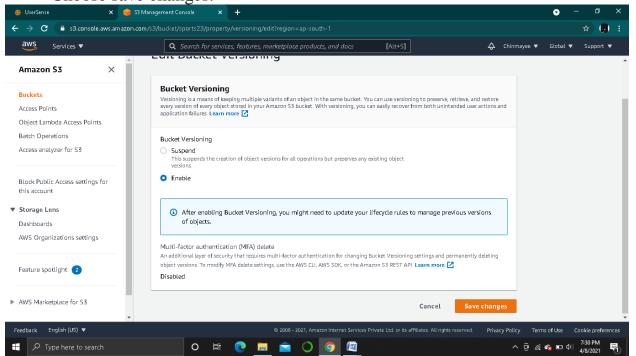




Choose Suspend or Enable.



• Choose save changes.



• The window will appear.

