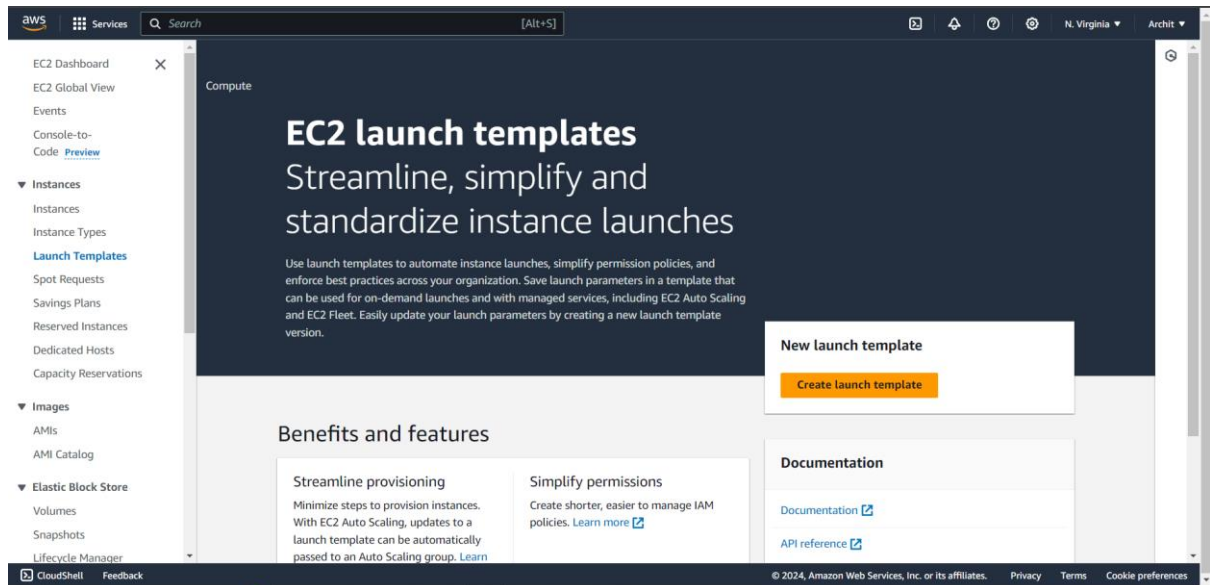
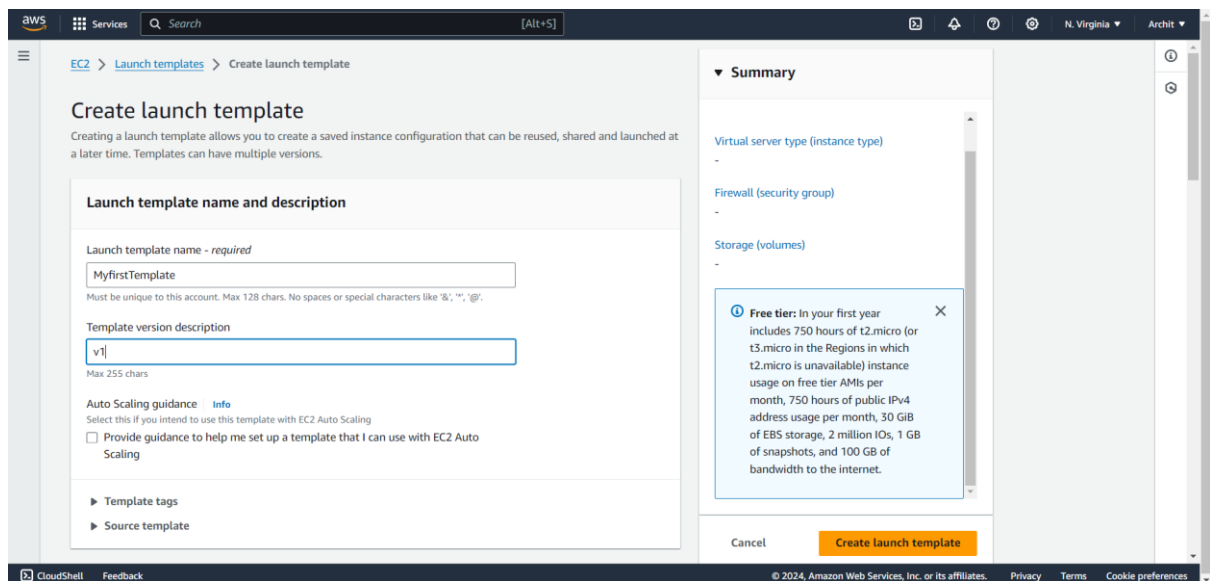


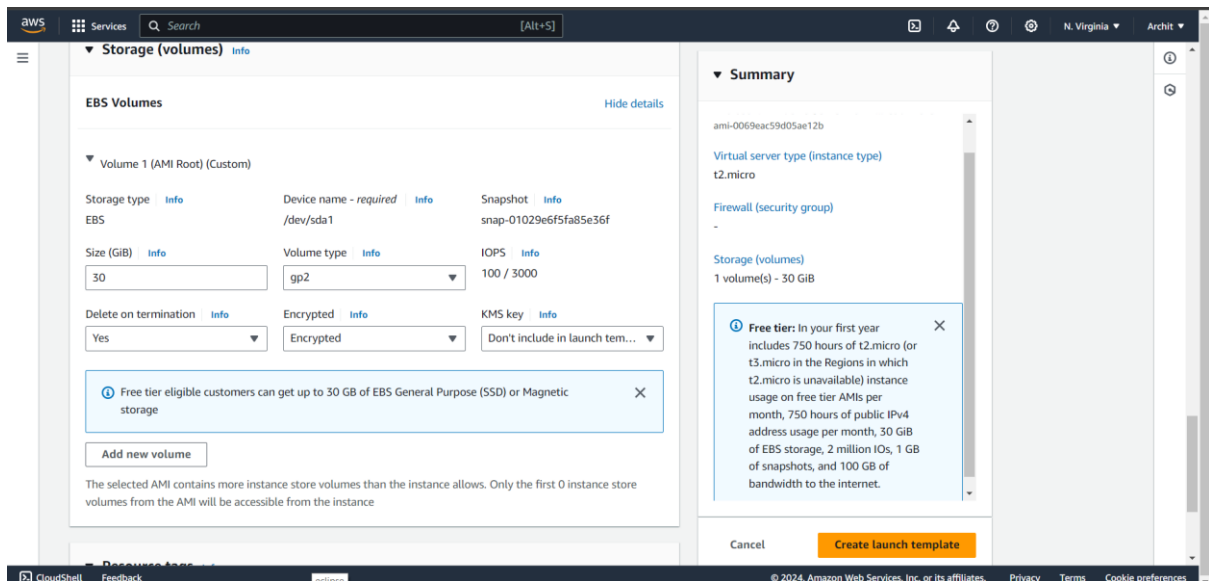
# Creating new Launch Config for Autoscaling & Updating launch config in Autoscaling groups.

## Step 1-First go to EC2 Launch Template

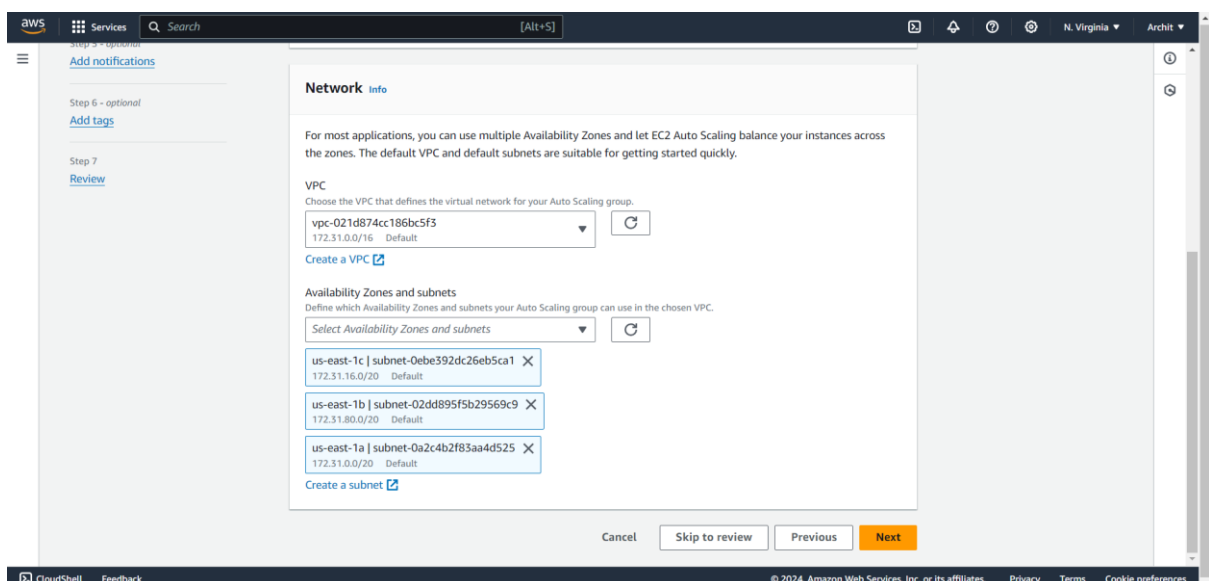
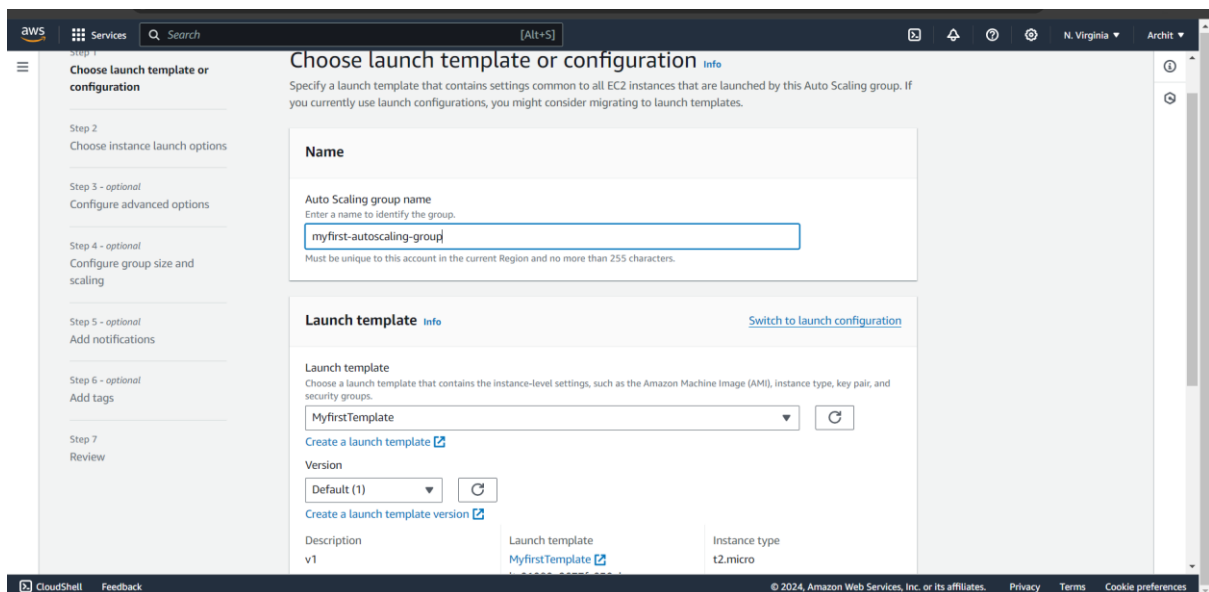


## Step 2- Create Launch Template





### Step 3- Now we have to create auto scaling group



## Select max & min desired capacity

The screenshot shows the 'Configure group size and scaling' step in the AWS Management Console. The page is divided into two main sections: 'Group size' and 'Scaling'.

**Group size**

- Desired capacity type:** A dropdown menu set to 'Units (number of instances)'.
- Desired capacity:** A text input field containing the value '1'.

**Scaling**

- Scaling limits:** A section with two input fields:
  - Min desired capacity:** A text input field containing the value '1'.
  - Max desired capacity:** A text input field containing the value '10'.

Below the input fields, there are labels: 'Equal or less than desired capacity' for the min field and 'Equal or greater than desired capacity' for the max field.

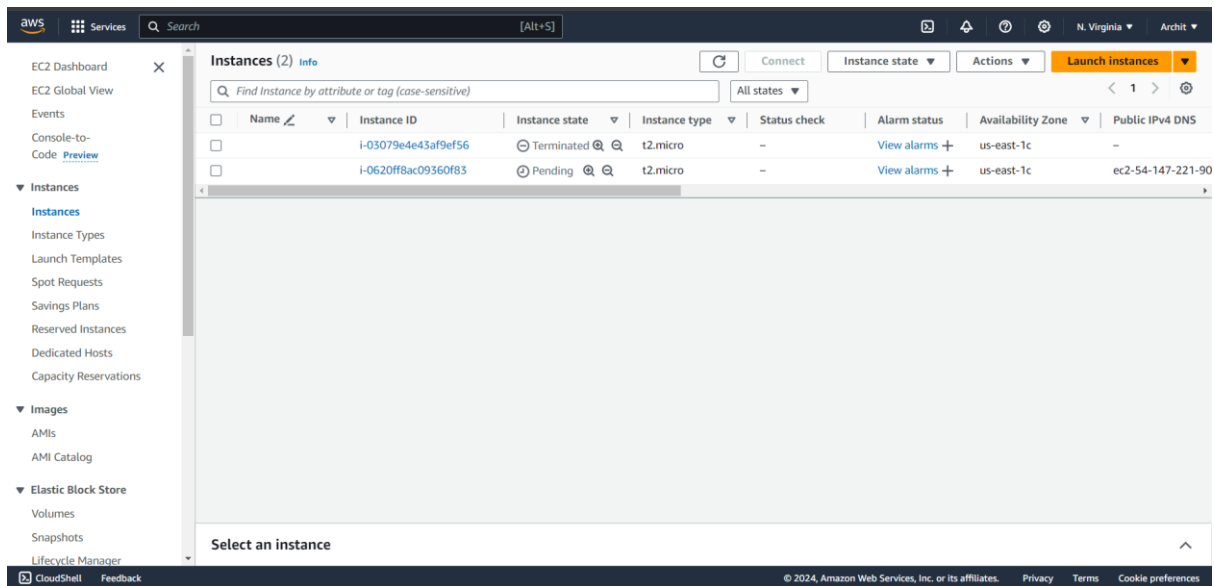
Step 4- Now to check auto scaling we have to terminate current instance & see for new automatic instance creation

The screenshot shows the 'Instances' page in the AWS Management Console. The page displays a table of instances with the following columns: Name, Instance ID, Instance state, Instance type, and Status check.

Name	Instance ID	Instance state	Instance type	Status check
i-03079e4e43af9ef56	i-03079e4e43af9ef56	Running	t2.micro	2/2 checks

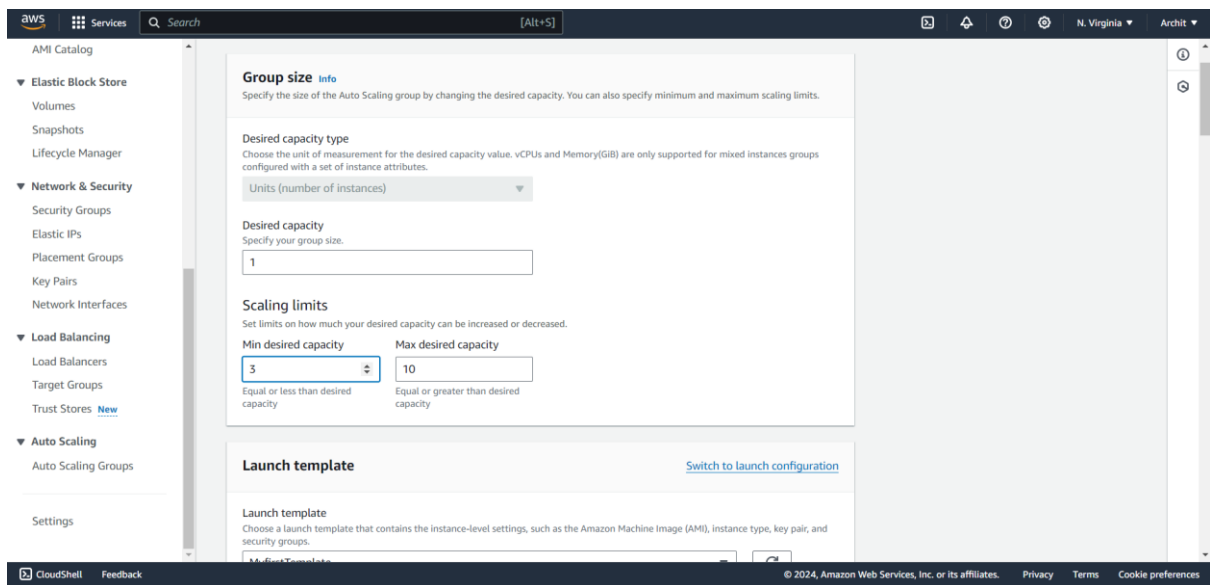
Below the table, there is a section for the selected instance 'i-03079e4e43af9ef56'. The 'Instance state' dropdown menu is open, showing options: Stop instance, Start instance, Reboot instance, Hibernate instance, and Terminate instance. The 'Launch instances' button is visible in the top right corner.

Now here you can see new instance is automatically created(bcz min instance is 0)



Step 5- Now again go to autoscaling group

Actions then edit



Here we are making min capacity 3

aws

Services

Search

[Alt+S]

N. Virginia

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Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

New

Auto Scaling

Auto Scaling Groups

Settings

Auto Scaling group updated successfully

Auto Scaling groups (1/1)

info

Launch configurations

Launch templates

Actions

Create Auto Scaling group

Search your Auto Scaling groups

<input checked="" type="checkbox"/>	Name	Launch template/configuration	Instances	Status	Desired capacity	Min
<input checked="" type="checkbox"/>	myfirst-autoscaling-group	MyfirstTemplate   Version Default	1	Updating capacity...	3	3

Auto Scaling group: myfirst-autoscaling-group

Status	Description	Cause	time
Not yet in service	Launching a new EC2 instance: i-080a9385f5e5a7b93	At 2024-05-31T05:10:04Z a user request update of AutoScalingGroup constraints to min: 3, max: 10, desired: 3 changing the desired capacity from 1 to 3. At 2024-05-31T05:10:11Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 1 to 3.	2024 May 31, 10:40:13 AM +05:30
Not yet in service	Launching a new EC2 instance: i-0bbabb52fc919a2f0	At 2024-05-31T05:10:04Z a user request update of AutoScalingGroup constraints to min: 3, max: 10, desired: 3 changing the desired capacity from 1 to 3. At 2024-05-31T05:10:11Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 1 to 3.	2024 May 31, 10:40:13 AM +05:30
Successful	Launching a new EC2 instance: i-0620ff8ac09360f83	At 2024-05-31T05:06:55Z an instance was launched in response to an unhealthy instance needing to be replaced.	2024 May 31, 10:36:57 AM +05:30
Successful	Terminating EC2	At 2024-05-31T05:06:55Z an instance was taken out of service in response to an EC2 health check	2024 May 31, 10:36:57 AM +05:30

You can see activity here