

ASG Without LoadBalancer

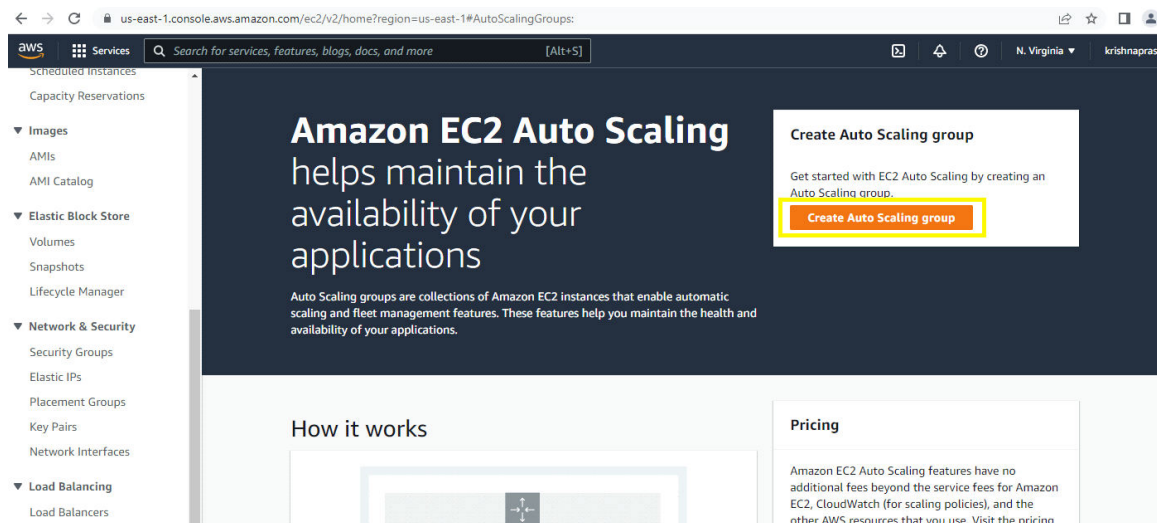
An Auto Scaling group contains a collection of EC2 instances that are treated as a logical grouping for the purposes of automatic scaling and management. An Auto Scaling group also enables you to use Amazon EC2 Auto Scaling features such as health check replacements and scaling policies.

Procedure :

Step 1 :

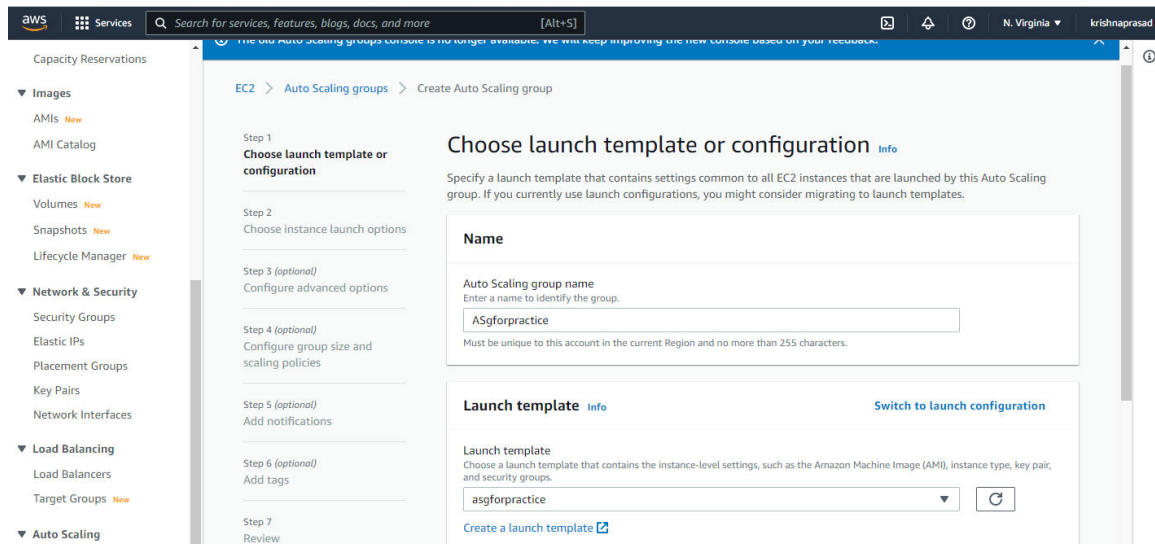
Click on AWS Auto scaling group.

Create an scaling group.



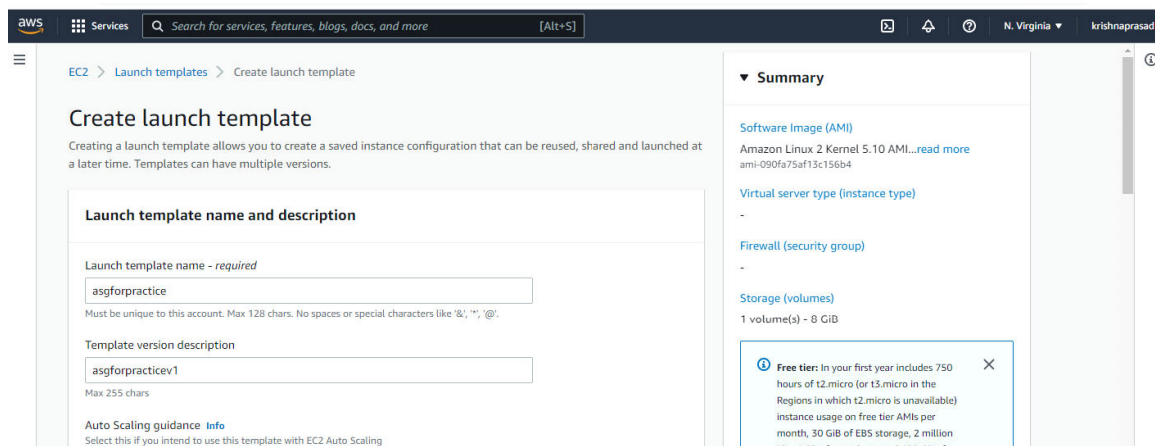
Step 2 :

Enter the name for the auto scaling group.



Step 3 :

Choose configure launch template details.

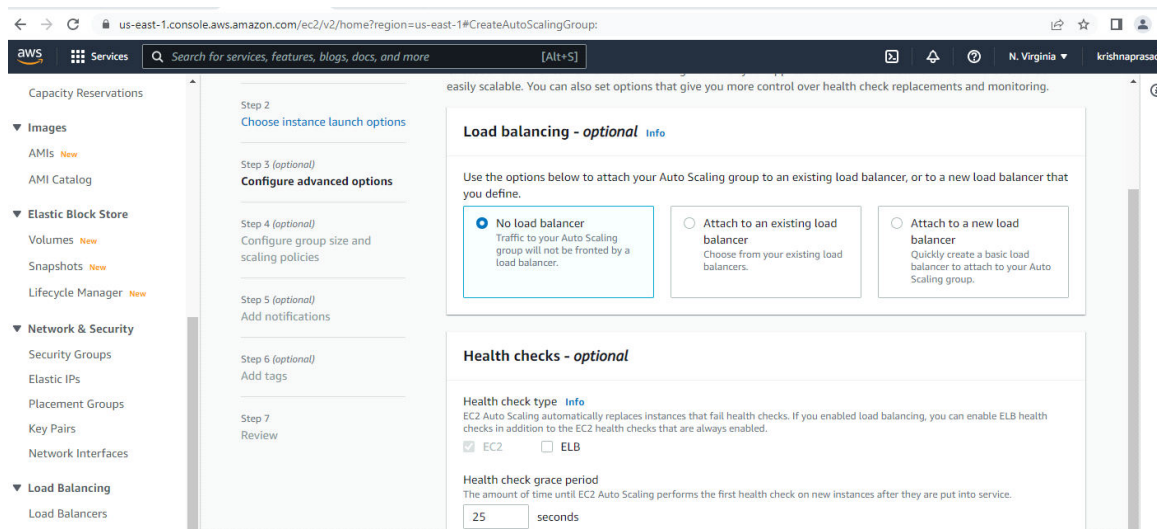


Step 4 :

Configure advanced options.

Select no load balancer.

Enter the grace period as 15 secs.



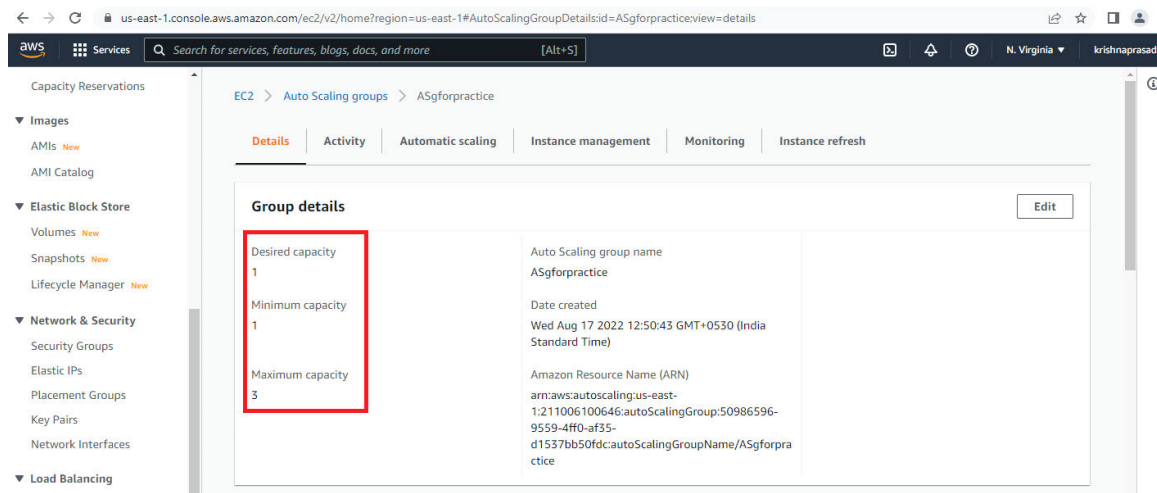
Step 5 :

Give the scaling policies : Desired capacity must be between Min and Max capacity.

Desired capacity as -1

Min capacity as -1

Max capacity as -3



Step 6 :

Now, if you observe the one instance is successfully launched as the desired capacity is "1".

The screenshot shows the AWS Management Console for the us-east-1 region. The 'Instances (3)' page is displayed, showing a table of three EC2 instances. The first instance, with ID i-0d8d26454a5f59719, is highlighted in yellow. It is in the 'Running' state, using the 't2.micro' instance type, and has '2/2 checks passed'. The other two instances are in the 'Terminated' state.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
-	i-0d8d26454a5f59719	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
-	i-0038195757c349f1e	Terminated	t2.micro	-	No alarms	us-east-1b
-	i-01d332603416bc4ad	Terminated	t2.micro	-	No alarms	us-east-1c

Step 7 :

As again the desired capacity is changed to 3, then two more instances are automatically added.

The screenshot shows the AWS Management Console for the us-east-1 region. The 'Instances (5)' page is displayed, showing a table of five EC2 instances. The 'Instance state' column is highlighted in green. The first instance is in the 'Running' state, and the other four are in the 'Initializing' state. The 'Instance state' column is highlighted in green.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
-	i-0d8d26454a5f59719	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a
-	i-0e8a80a5735e54c36	Running	t2.micro	Initializing	No alarms	us-east-1b
-	i-0038195757c349f1e	Terminated	t2.micro	-	No alarms	us-east-1b
-	i-04505abdd7c721f65	Running	t2.micro	Initializing	No alarms	us-east-1c
-	i-01d332603416bc4ad	Terminated	t2.micro	-	No alarms	us-east-1c

