Date : 07-04-2024

**Auto Scaling Group**

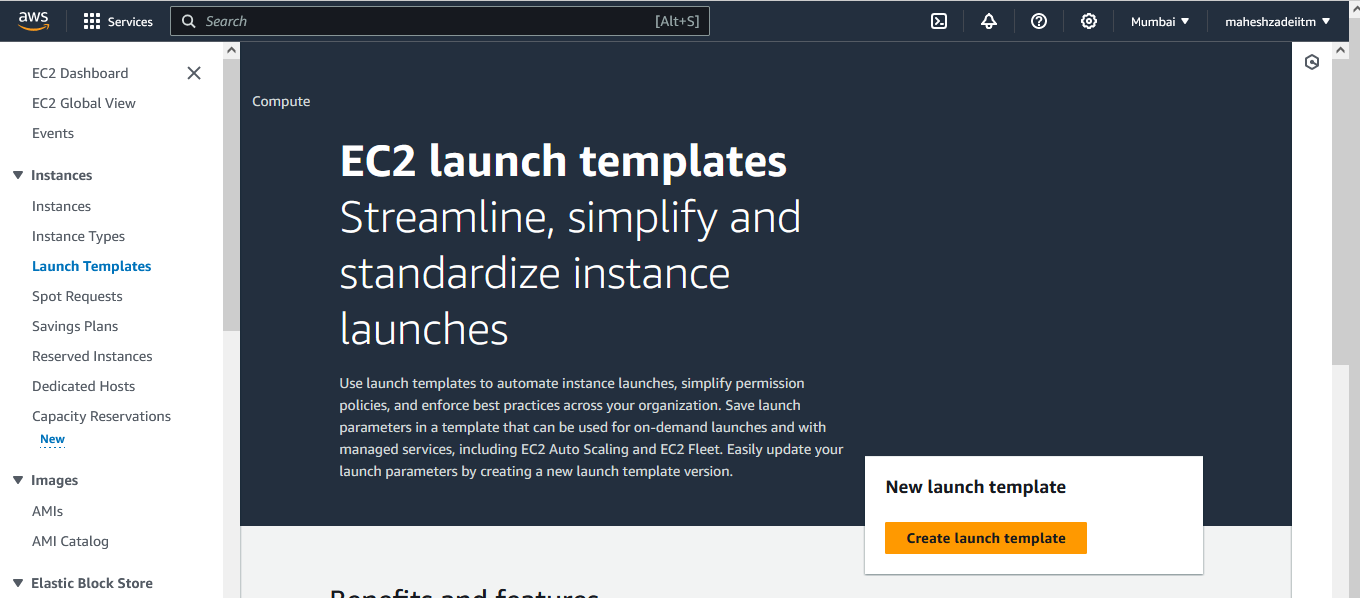
"Realtime"

EC2 >> Install, configure and enable all the pre-req for your application, test the application, once everything is tested,

AMI out of it >>>

Launch Template

Go to EC2 Dashboard >>> Create launch template



Launch template name - required >>> MaheshLTforASG

A screenshot of a computer

Description automatically generated

Version – Initial

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Application and OS Images >>> Amazon Linux 2

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AMI

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Instance type >>> t2.micro

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Key pair name>>> Dont include

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Network settings

Subnet >>> public

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Leave all other options and say - create Launch Template

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A screenshot of a computer

Description automatically generated

Launch Template Created

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Description automatically generated

Now > go to the Auto Scaling groups

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Description automatically generated

Create Auto Scaling group

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Description automatically generated

Name - MaheshASG

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Description automatically generated

Launch template >>> Choose the Launch template which you have created above

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Next

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Network >>> Choose your VPC

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Availability Zones and subnets >>> Choose min two AZ

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Click on next

Load balancing >>> NO Load balancer

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NO VPC Lattice

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Leave all other options as it is and say >> Next

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Review and create

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Click on create auto scaling group

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Description automatically generated

Now you can see new servers are creating automatically

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Description automatically generated

Server is created

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Description automatically generated

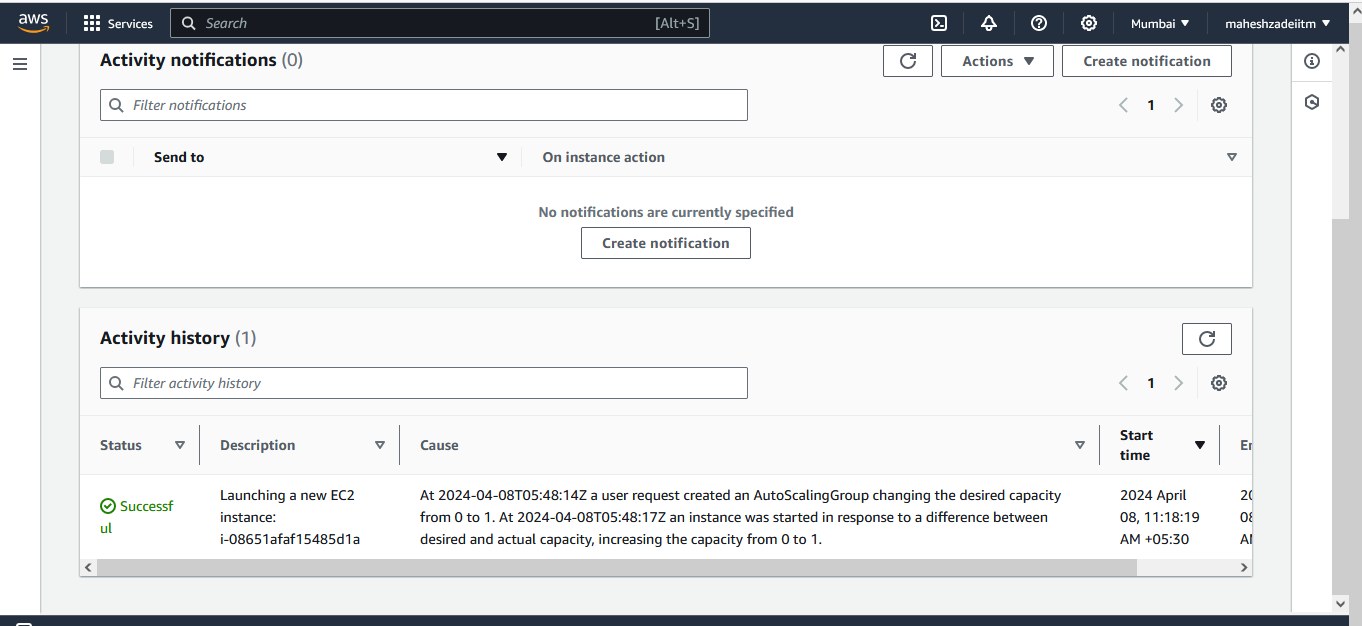
Watch out from Activity from ASG

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Description automatically generated

A screenshot of a computer

Description automatically generated



Edit

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A screenshot of a computer

Description automatically generated

Change desired capacity and check in Instacnes

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Description automatically generated

Play around with the Min, Desired and Max by changing the values

And activity

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Description automatically generated

A screenshot of a computer

Description automatically generated

EC2 Instances increase to 3

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Description automatically generated

And also terminate your servers and see if new are getting launched.

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Description automatically generated

A screenshot of a computer

Description automatically generated

All 3 Instances Deleted .

A screenshot of a computer

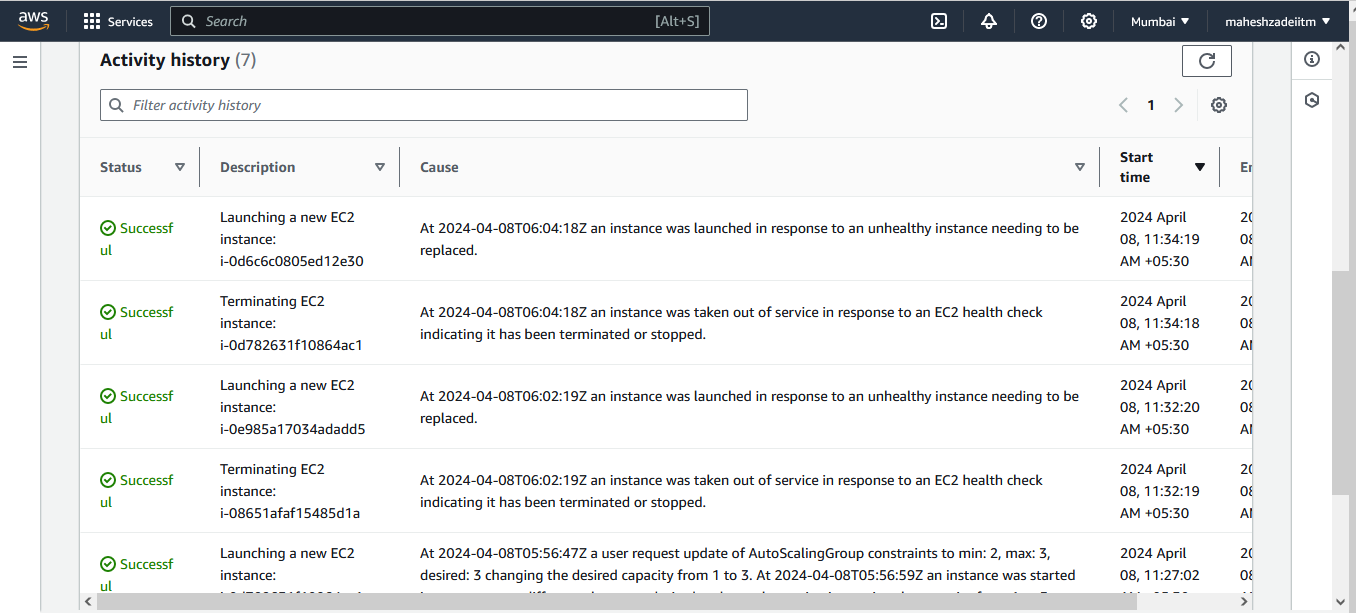
Description automatically generated

Go to ASG and check the Activity

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Description automatically generated

Again Check Activity in ASG



Now go to EC2 and check servers are again created again even after deletion 3 EC2 Instances .

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Description automatically generated

Now Clean the LAB

EC2 Intances Terminate

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Description automatically generated

A screenshot of a computer

Description automatically generated

Noe Delete the ASG

A screenshot of a computer

Description automatically generated

Thanks

Pls check and update