

Yeshwanth Chauhan

AutoScaling- in this task first enable automatic subnet association in subnets, create an ec2 with httpd in it and check the status

Once it shows active then create an image(AMI) out of that instance and create a CloudFormationTemplate after these steps go to AutoScaling and create LaunchConfig Select the AMI which you created and then create Autoscaling Groups.

Your machines will start getting added and you put the load on the machines by using (dd if=/dev/zero of=/dev/null) now check the CPU graph as soon as it crosses 50% usage then the new machine will get created automatically

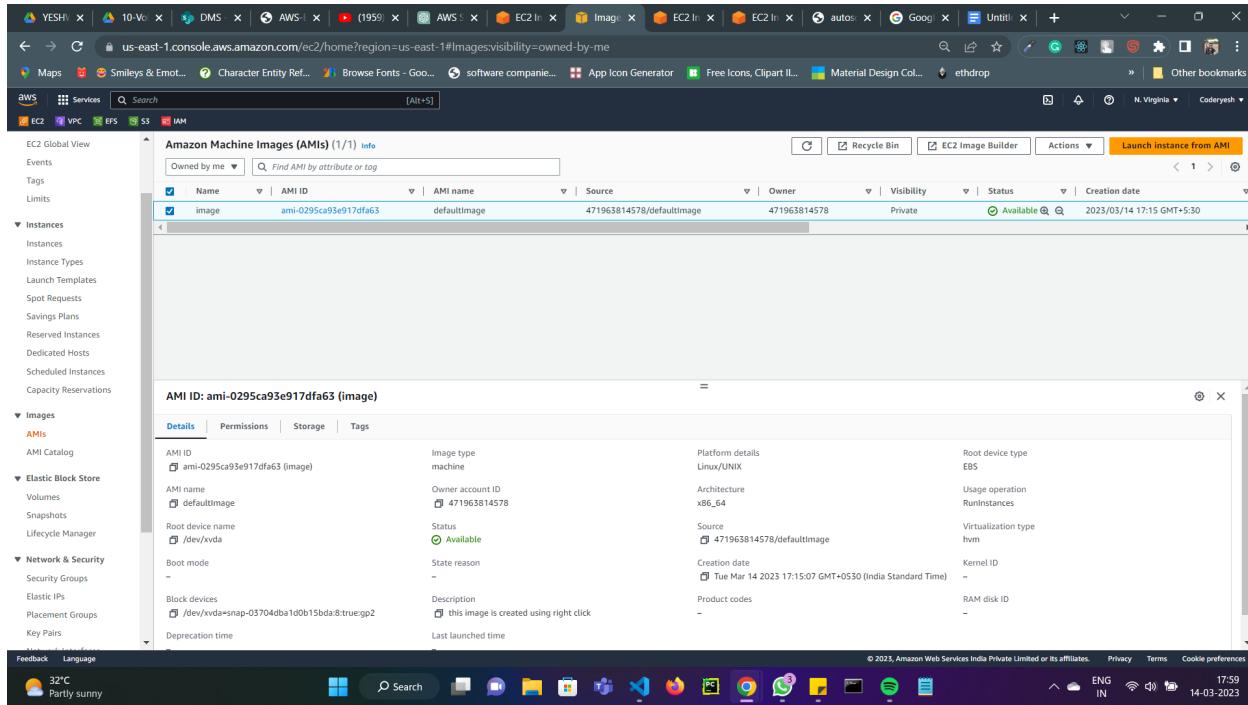
Instances (9) Info

	Name	Instance ID	Instance state	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4	Elastic IP	IPv6 IPs
<input type="checkbox"/>	—	i-066e57b6518597f9	Running	2/2 checks passed	No alarms	+ us-east-1a	ec2-34-228-226-206.co...	34.228.226.206	—	—
<input type="checkbox"/>	DEFAULT MAC	i-0cd1456a0e4484fa	Running	2/2 checks passed	No alarms	+ us-east-1a	ec2-35-153-134-61.co...	35.153.134.61	—	—
<input type="checkbox"/>	—	i-035ca20be23a68409	Running	2/2 checks passed	No alarms	+ us-east-1a	ec2-54-242-55-109.co...	54.242.55.109	—	—
<input type="checkbox"/>	—	i-0753716e69b4d85	Terminated	—	No alarms	+ us-east-1a	—	—	—	—
<input type="checkbox"/>	—	i-0c9877e1386e9358	Terminated	—	No alarms	+ us-east-1b	—	—	—	—
<input type="checkbox"/>	—	i-0f092d4053119586f	Running	2/2 checks passed	No alarms	+ us-east-1b	ec2-44-195-62-63.co...	44.195.62.63	—	—
<input type="checkbox"/>	—	i-028be88bf8aa7db69	Running	2/2 checks passed	No alarms	+ us-east-1b	ec2-44-213-127-141.co...	44.213.127.141	—	—
<input type="checkbox"/>	—	i-071852ce8b4a9110c	Running	2/2 checks passed	No alarms	+ us-east-1a	ec2-54-198-109-157.co...	54.198.109.157	—	—
<input type="checkbox"/>	—	i-019614fc7ffca0b	Running	2/2 checks passed	No alarms	+ us-east-1b	ec2-3-236-31-241.com...	3.236.31.241	—	—

Launch instances

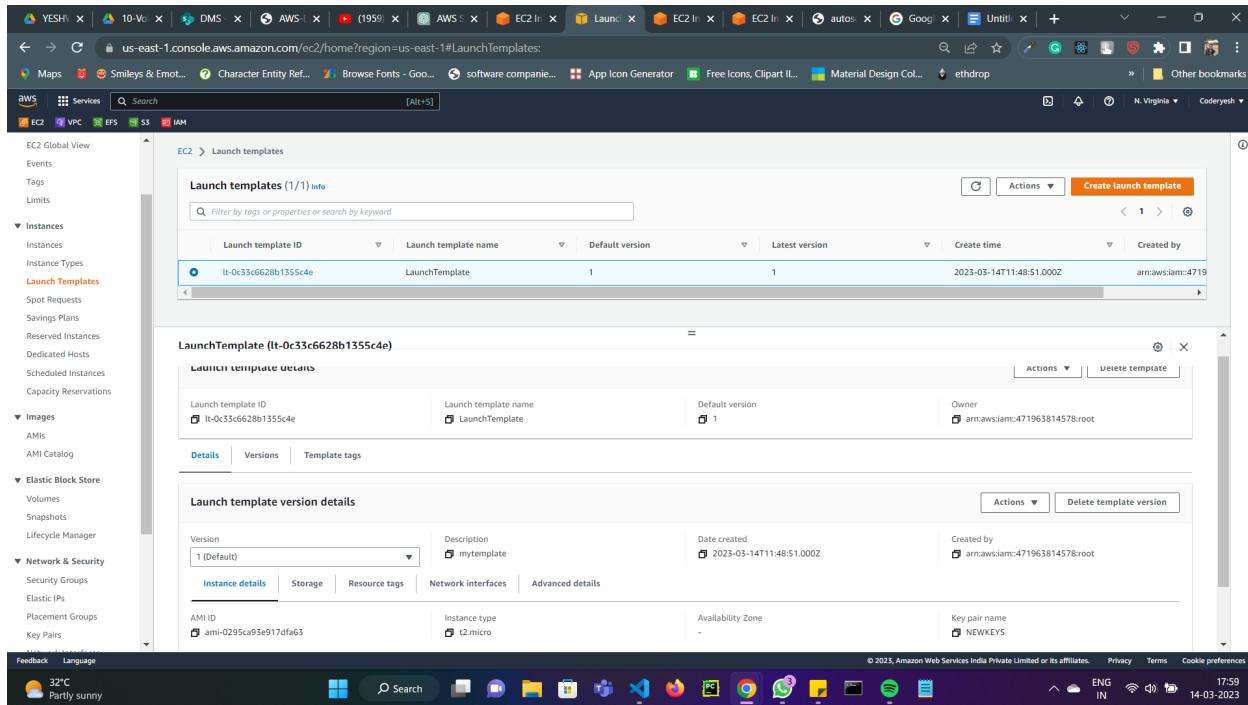
Select an instance

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AMI ID: ami-0295ca93e917dfa63 (image)

Details	Permissions	Storage	Tags
AMI ID ami-0295ca93e917dfa63 (image)	Image type machine	Platform details Linux/UNIX	Root device type EBS
AMI name defaultimage	Owner account ID 471963814578	Architecture x86_64	Usage operation RunInstances
Root device name /dev/xvda	Status Available	Source 471963814578/defaultimage	Virtualization type hvm
Boot mode -	State reason -	Creation date Tue Mar 14 2023 17:15:07 GMT+0530 (India Standard Time)	Kernel ID -
Block devices /dev/xvda>snap-03704dba1d0b15bda:8:true:gp2	Description This image is created using right click	Product codes -	RAM disk ID -
Deprecation time	Last launched time		



Launch templates (1/1)

Launch template ID	Launch template name	Default version	Latest version	Create time	Created by
lt-0c33c6628b1355c4e	LaunchTemplate	1	1	2023-03-14T11:48:51.000Z	arn:aws:iam:471963814578:root

LaunchTemplate (lt-0c33c6628b1355c4e)

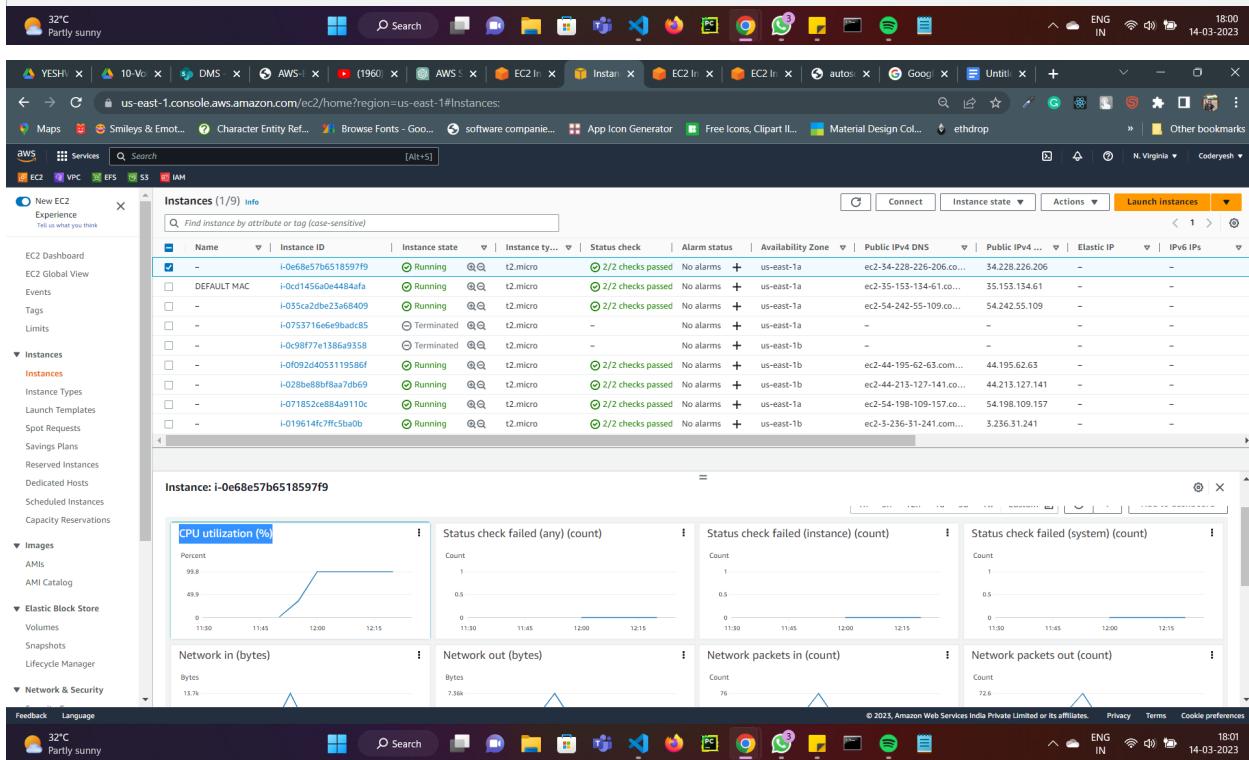
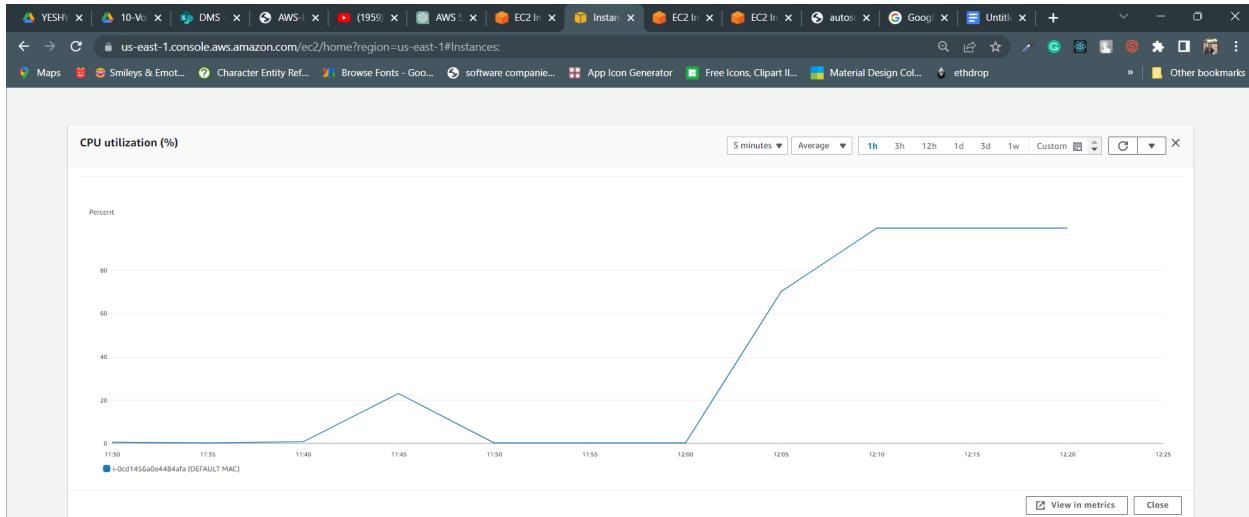
Actions	Delete template		
Launch template ID lt-0c33c6628b1355c4e	Launch template name LaunchTemplate	Default version 1	Owner arn:aws:iam:471963814578:root

Launch template version details

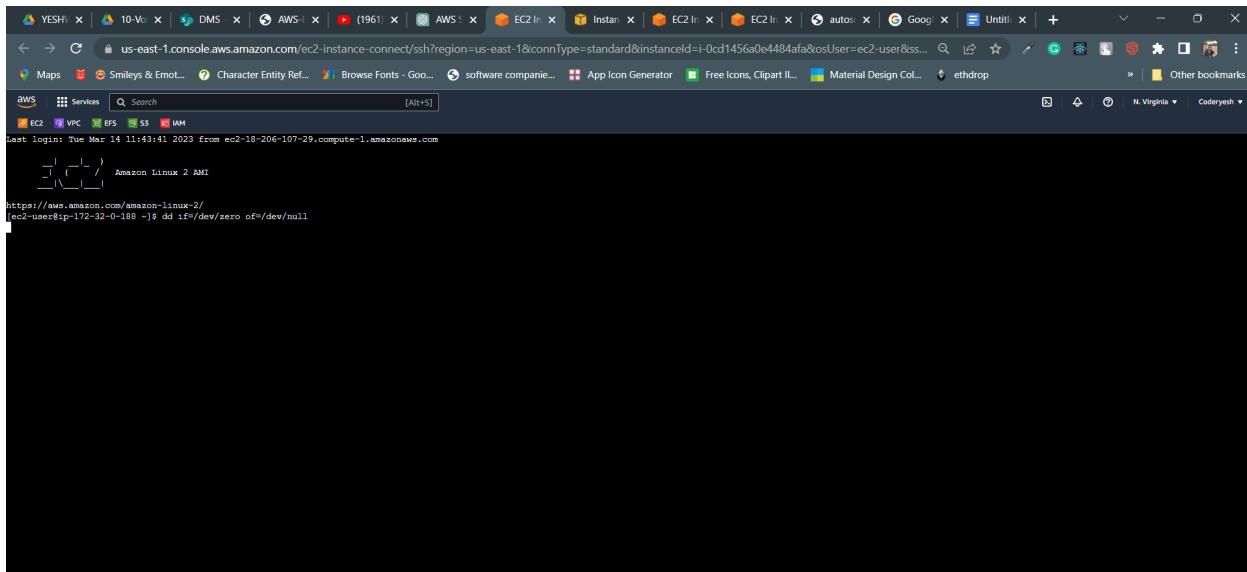
Actions	Delete template version		
Version 1 (Default)	Description mytemplate	Date created 2023-03-14T11:48:51.000Z	Created by arn:aws:iam:471963814578:root

Instance details	Storage	Resource tags	Network interfaces	Advanced details
AMI ID ami-0295ca93e917dfa63	Instance type t2.micro			Availability Zone -
				Key pair name NEWKEYS

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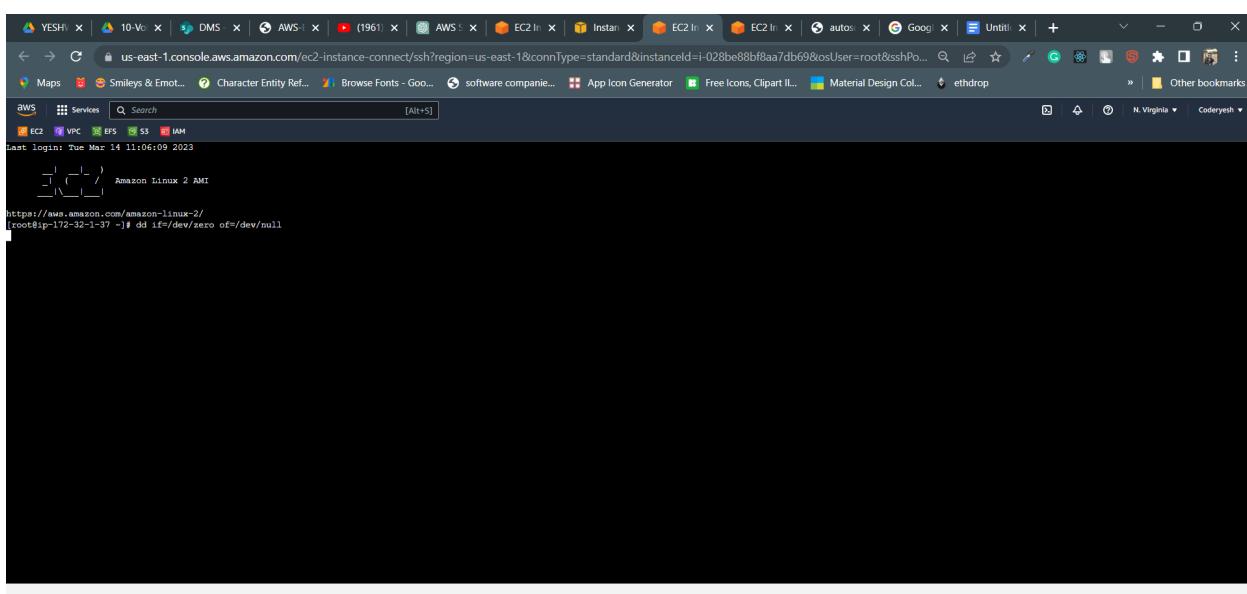
i-0cd1456a0e4484afa (DEFAULT MAC)

Public IPs: 35.153.134.61 Private IPs: 172.32.0.188



MECH 101 M | 10 M | DM

YESHV 10-Vo DMS



i-028be88bf8aa7db69

Public IPs: 44.213.127.141 Private IPs: 172.32.1.37



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aws Services [Alt+S]

Last Login: Tue Mar 14 11:06:09 2023

Amazon Linux 2 AMI

https://www.amazon.com/amazon-linux-2/

[root@ip-172-32-0-19 ~]# dd if=/dev/zero of=/dev/null

i-0e68e57b6518597f9

PublicIPs: 34.228.226.206 PrivateIPs: 172.32.0.19

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aws Services [Alt+S]

EC2 VPC EFS S3 IAM

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

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

Auto Scaling

Launch Configurations

Auto Scaling Groups

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EC2 M EC2 In EC2 In auto... Google Chrome Utilities

Recommendation to not use Launch configurations

Amazon EC2 Auto Scaling no longer adds support for new EC2 features to launch configurations and will stop supporting new EC2 instance types after December 31, 2022. We recommend that customers using launch configurations migrate to launch templates. For more information, see the documentation.

Launch configurations (1/1) Info

Search launch configurations

Actions Copy to launch template Create launch configuration

Launch configuration (1/1)

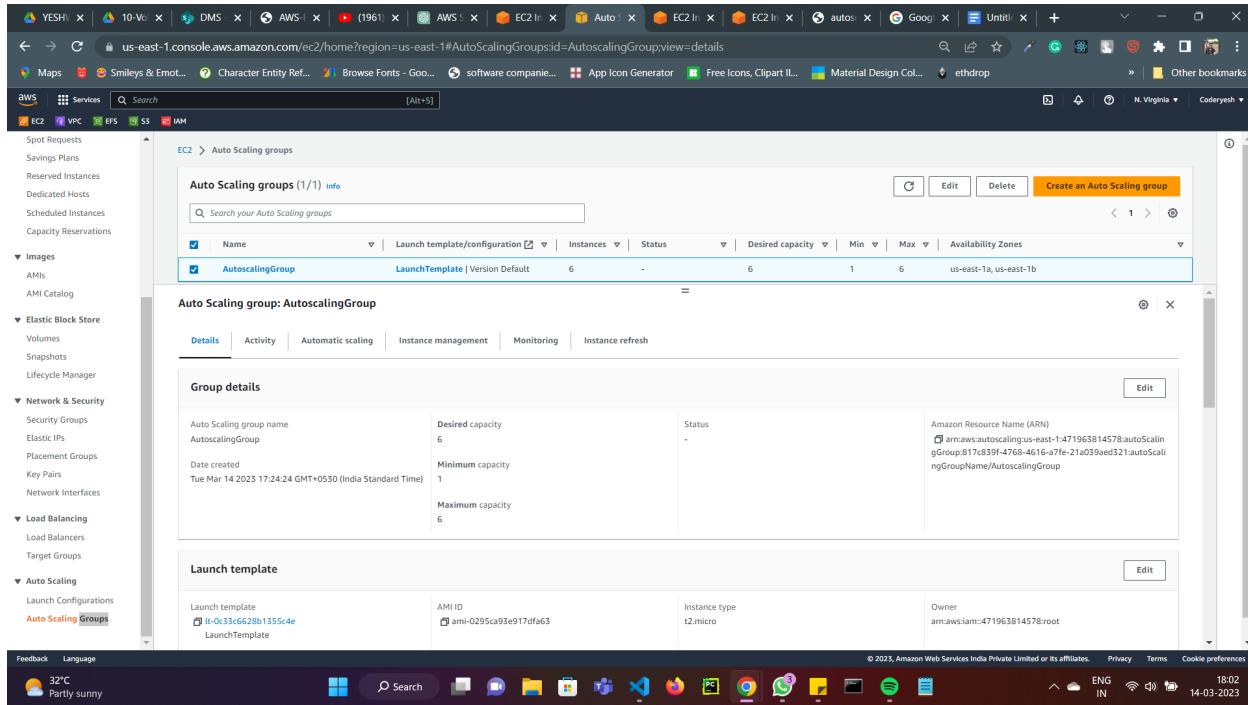
Name	AMI ID	Instance type	Spot price	Creation time
launchconfig	ami-0295ca93e917dfa63	t2.micro	-	Tue Mar 14 2023 17:20:08 GMT+0530 (India Standard Time)

Details

AMI ID	ami-0295ca93e917dfa63	Instance type	t2.micro
Kernel ID	-	Key name	NEWKEYS
EBS optimized	false	Security groups	sg-0cedfb3a0b097073c9
Create time	Tue Mar 14 2023 17:20:08 GMT+0530 (India Standard Time)	RAM disk ID	-
Metadata accessible	-	Token hop limit	-
User data	-	IP address type	Default
		Metadata version	-

Copy launch configuration

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The screenshot shows the AWS Management Console with the URL <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AutoScalingGroupsId=AutoscalingGroupView=details>. The left sidebar is collapsed, and the main content area displays the 'Auto Scaling groups (1/1) Info' page. A single Auto Scaling group named 'AutoscalingGroup' is listed. The 'LaunchTemplate | Version Default' is selected, showing a capacity of 6 desired instances, with a minimum of 1 and a maximum of 6. The 'Availability Zones' are listed as 'us-east-1a, us-east-1b'. The 'Group details' section shows the group name 'AutoscalingGroup', desired capacity of 6, and a creation date of 'Tue Mar 14 2023 17:24:24 GMT+0530 (India Standard Time)'. The 'Launch template' section shows the launch template 'lt-0c33c6628b1355c4e' with an AMI ID 'ami-0295ca93e917dfa63', an instance type 't2.micro', and an owner 'arn:aws:iam::471963814578:root'. The 'Group details' section also includes an ARN: `arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f4768-4616-a7fe-21a059aed321:autoScalingGroupName:AutoscalingGroup`.

Auto Scaling groups (1/1) Info

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones
<input checked="" type="checkbox"/> AutoscalingGroup	LaunchTemplate Version Default	6	-	6	1	6	us-east-1a, us-east-1b

Auto Scaling group: AutoscalingGroup

Group details

Auto Scaling group name	Desired capacity	Status	Amazon Resource Name (ARN)
AutoscalingGroup	6	-	<code>arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f4768-4616-a7fe-21a059aed321:autoScalingGroupName:AutoscalingGroup</code>
Date created	Minimum capacity		
Tue Mar 14 2023 17:24:24 GMT+0530 (India Standard Time)	1		
	Maximum capacity		
	6		

Launch template

Launch template	AMI ID	Instance type	Owner
<code>lt-0c33c6628b1355c4e</code>	<code>ami-0295ca93e917dfa63</code>	t2.micro	arn:aws:iam::471963814578:root

Auto Scaling group: AutoscalingGroup

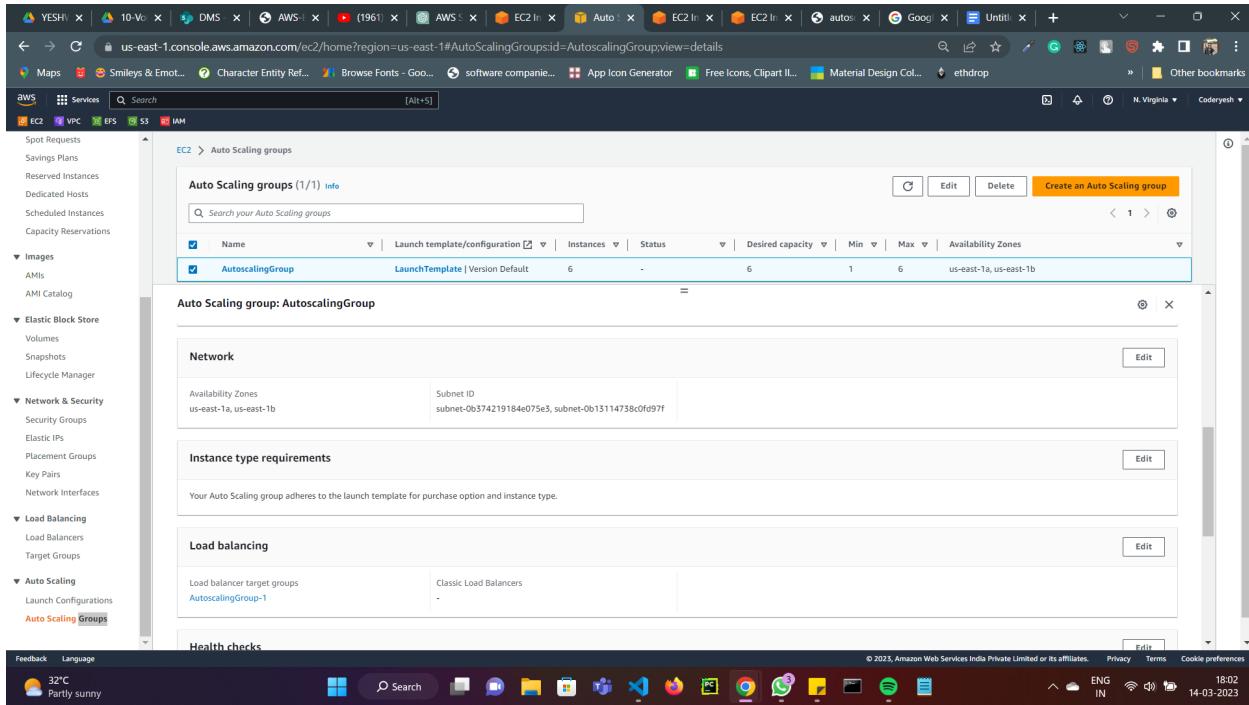
Launch template

Launch template	AMI ID	Instance type	Owner
<code>lt-0c33c6628b1355c4e</code>	<code>ami-0295ca93e917dfa63</code>	t2.micro	arn:aws:iam::471963814578:root
Version	Security groups	Security group IDs	Create time
Default	-	-	Tue Mar 14 2023 17:18:51 GMT+0530 (India Standard Time)
Description	Storage (volumes)	Key pair name	Request Spot Instances
mytemplate	-	NEWKEYS	No

Network

Availability Zones	Subnet ID
us-east-1a, us-east-1b	<code>subnet-0b374219184e075e3, subnet-0b13114738c0fd97f</code>

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Auto Scaling groups (1/1) [Info](#)

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones
AutoscalingGroup	LaunchTemplate Version Default	6	-	6	1	6	us-east-1a, us-east-1b

Auto Scaling group: AutoscalingGroup

Network

Availability Zones	Subnet ID
us-east-1a, us-east-1b	subnet-0b374219184e075e3, subnet-0b3114738c0fd97f

Instance type requirements

Your Auto Scaling group adheres to the launch template for purchase option and instance type.

Load balancing

Load balancer target groups	Classic Load Balancers
AutoscalingGroup-1	-

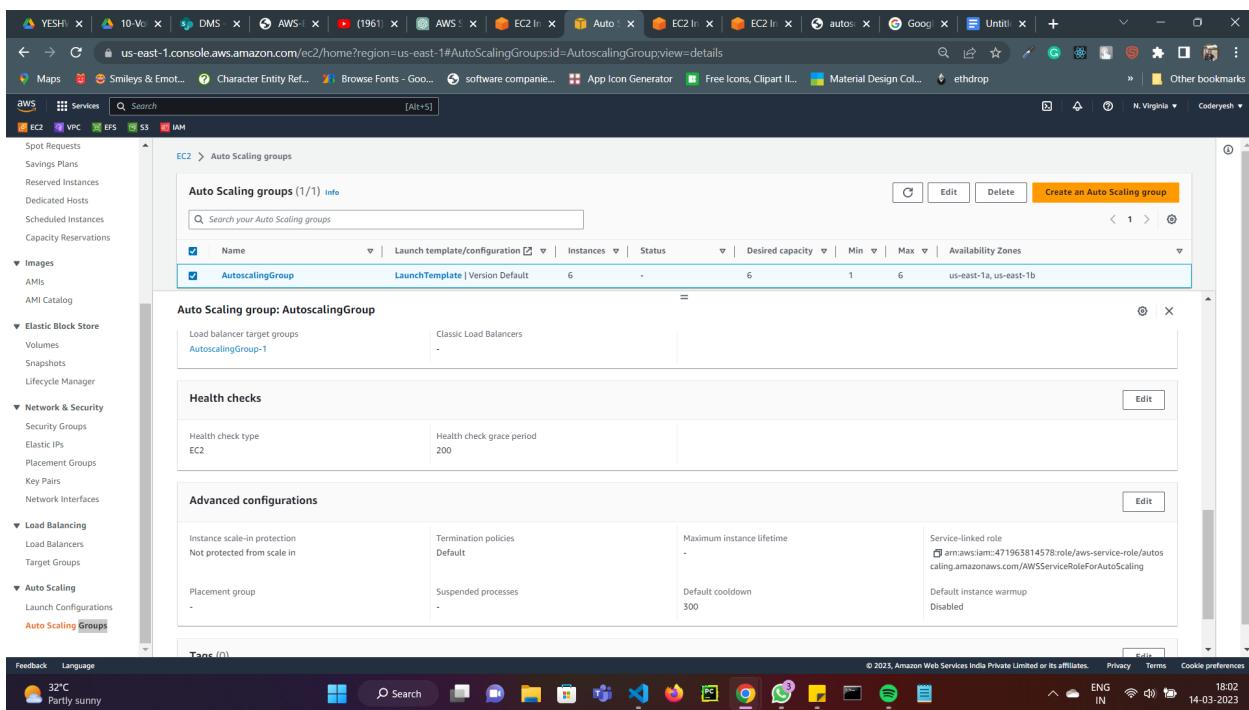
Health checks

Health check type	Health check grace period
EC2	200

Advanced configurations

Instance scale-in protection	Termination policies	Maximum instance lifetime	Service-linked role
Not protected from scale in	Default	-	aws:iam:role/aws-service-role/autoscaling.amazonaws.com/AWSServiceRoleForAutoScaling
Placement group	Suspended processes	Default cooldown	Default instance warmup
-	-	300	Disabled

Tags (0)



Auto Scaling groups (1/1) [Info](#)

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones
AutoscalingGroup	LaunchTemplate Version Default	6	-	6	1	6	us-east-1a, us-east-1b

Auto Scaling group: AutoscalingGroup

Network

Availability Zones	Subnet ID
us-east-1a, us-east-1b	subnet-0b374219184e075e3, subnet-0b3114738c0fd97f

Instance type requirements

Your Auto Scaling group adheres to the launch template for purchase option and instance type.

Load balancing

Load balancer target groups	Classic Load Balancers
AutoscalingGroup-1	-

Health checks

Health check type	Health check grace period
EC2	200

Advanced configurations

Instance scale-in protection	Termination policies	Maximum instance lifetime	Service-linked role
Not protected from scale in	Default	-	aws:iam:role/aws-service-role/autoscaling.amazonaws.com/AWSServiceRoleForAutoScaling
Placement group	Suspended processes	Default cooldown	Default instance warmup
-	-	300	Disabled

Tags (0)

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The screenshot displays two views of the AWS Management Console for an Auto Scaling group named 'AutoscalingGroup'.

Auto Scaling Groups Tab:

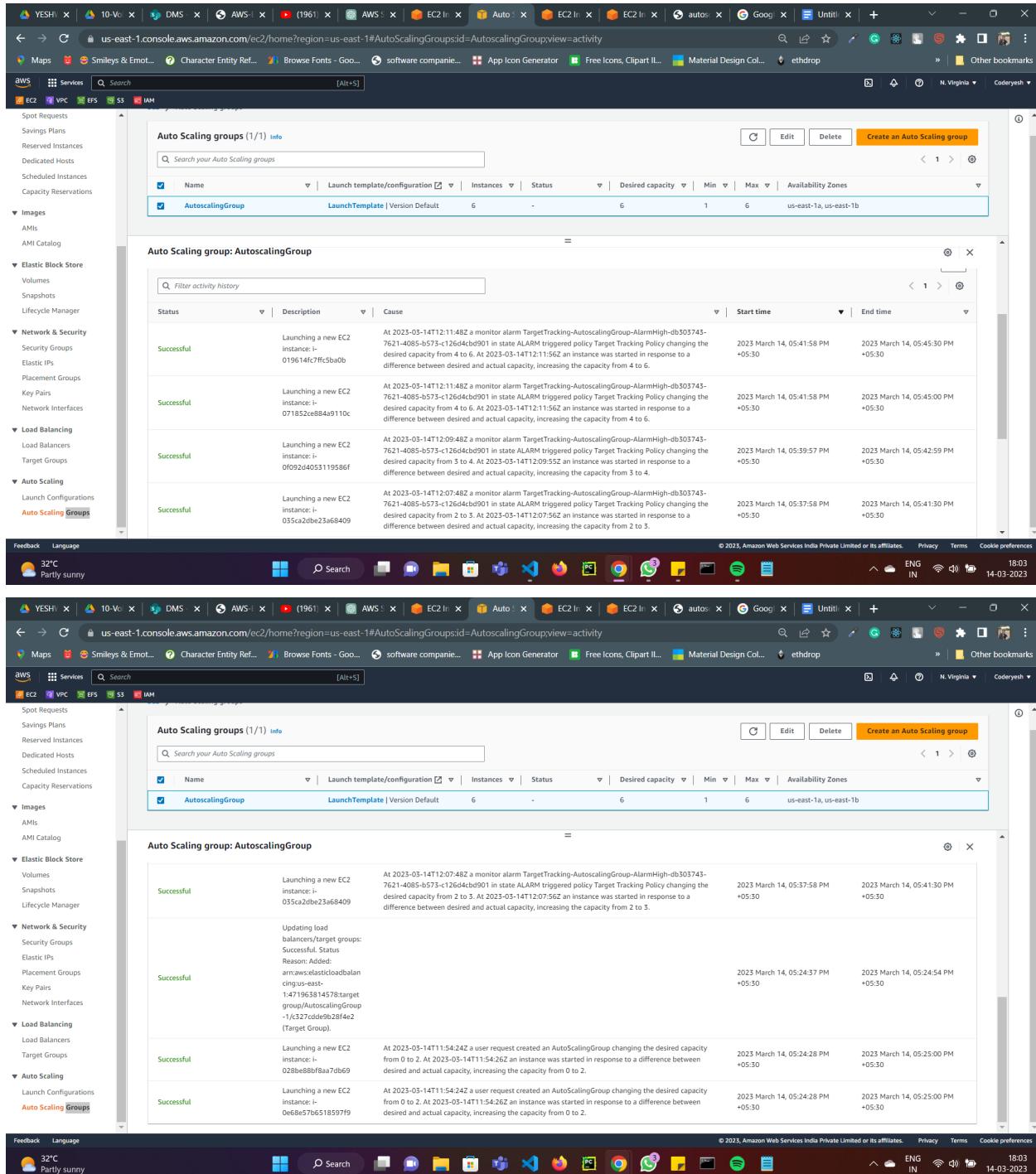
- Instances (6):** Shows six EC2 instances in the 'InService' state across three availability zones: us-east-1a, us-east-1b, and us-east-1c. Each instance is a t2.micro type with a launch template 'LaunchTemplate | Version Default'.
- Lifecycle hooks (0):** No lifecycle hooks are present for this group.

Activity Tab:

- Activity notifications (1):** One notification is listed: 'Default_CloudWatch_Alarms_Topic (yeshwanthchauhan2000@gmail.com)'.
- Activity history (7):** One activity is listed: 'Launching a new EC2 instance: i-019614fc7ff5ba0b' at 2023-03-14T12:11:48Z.

Both tabs include a 'Create' button and a 'Actions' dropdown.

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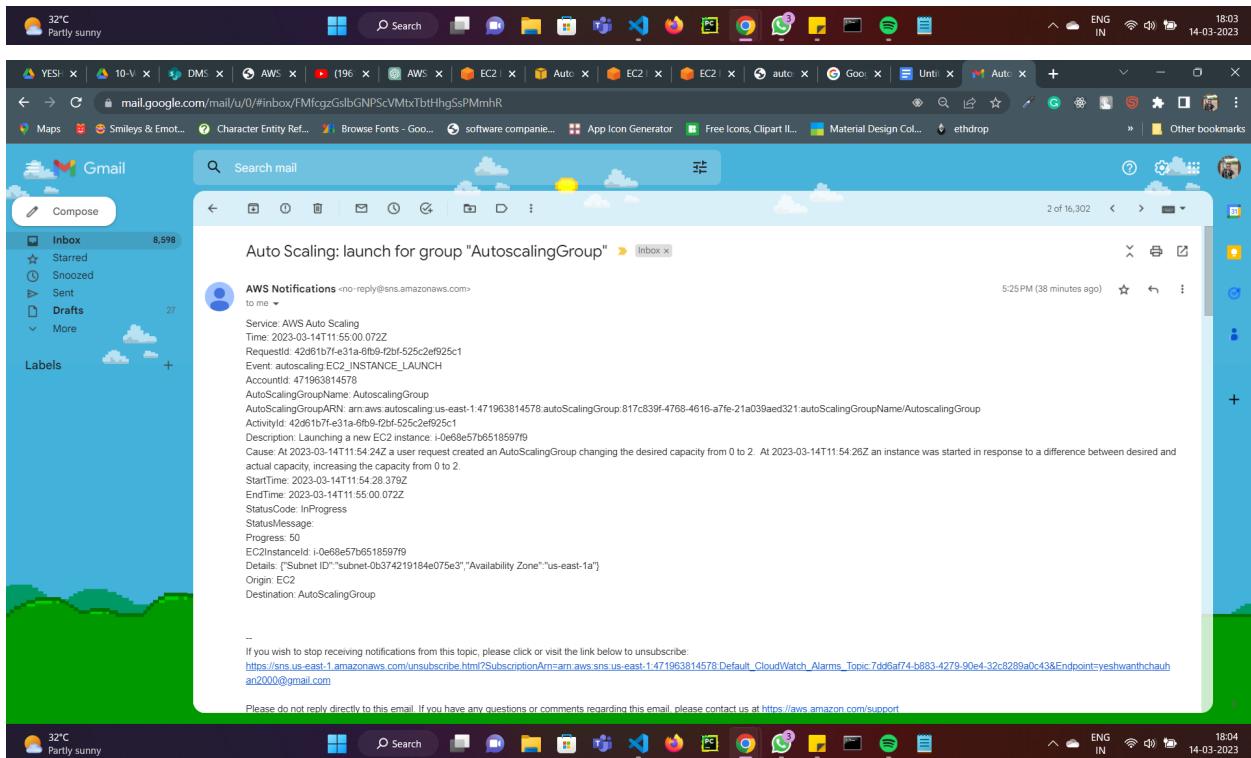
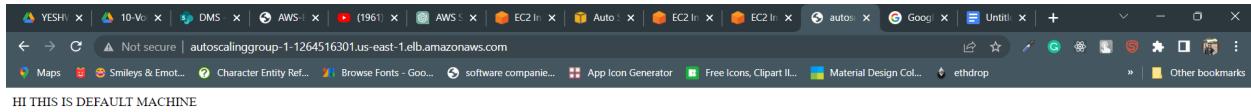
Auto Scaling groups (1/1) [Info](#)

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones
AutoscalingGroup	LaunchTemplate Version Default	6	-	6	1	6	us-east-1a, us-east-1b

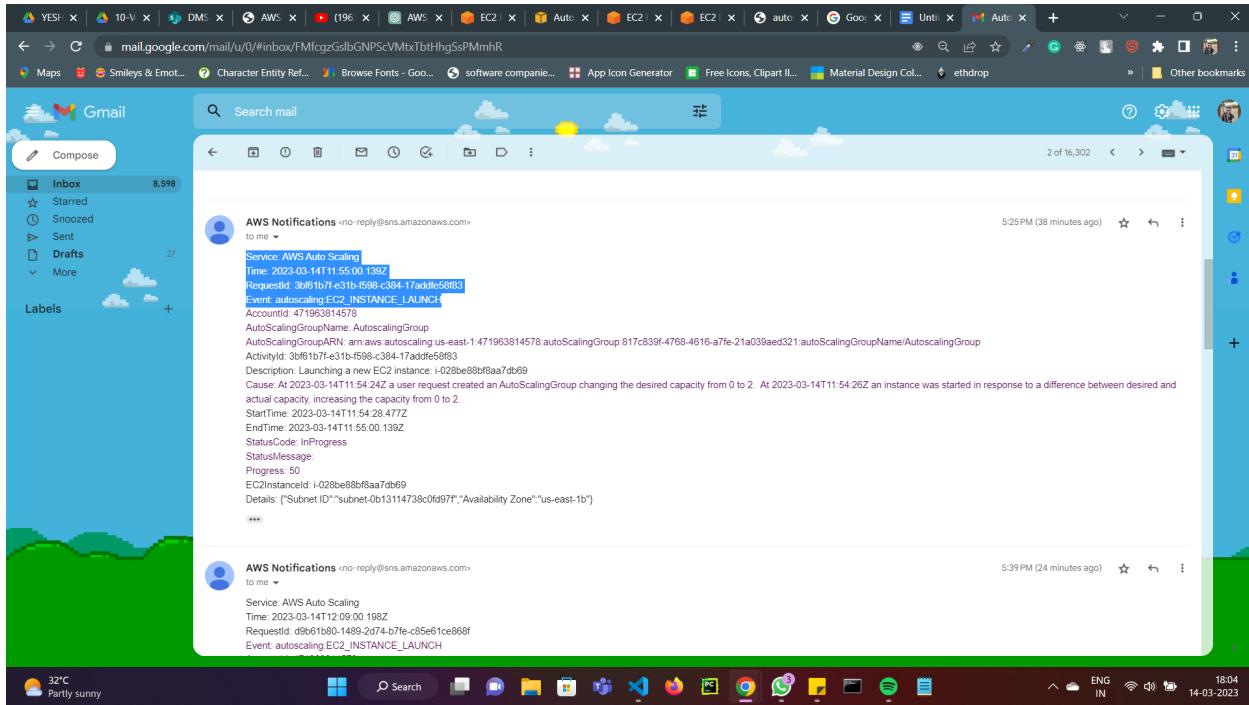
Auto Scaling group: AutoscalingGroup

Status	Description	Cause	Start time	End time
Successful	Launching a new EC2 instance: i-019614fc7fc5ba0b	At 2023-03-14T12:11:48Z a monitor alarm TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 4 to 6. At 2023-03-14T12:11:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 4 to 6.	2023 March 14, 05:41:58 PM +05:30	2023 March 14, 05:45:30 PM +05:30
Successful	Launching a new EC2 instance: i-071852ce884a9110c	At 2023-03-14T12:11:48Z a monitor alarm TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 4 to 6. At 2023-03-14T12:11:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 4 to 6.	2023 March 14, 05:41:58 PM +05:30	2023 March 14, 05:45:00 PM +05:30
Successful	Launching a new EC2 instance: i-0f092d4053119586f	At 2023-03-14T12:09:48Z a monitor alarm TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 3 to 4. At 2023-03-14T12:09:55Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 3 to 4.	2023 March 14, 05:39:57 PM +05:30	2023 March 14, 05:42:59 PM +05:30
Successful	Launching a new EC2 instance: i-035ca2dbe23a68409	At 2023-03-14T12:07:48Z a monitor alarm TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 2 to 3. At 2023-03-14T12:07:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 2 to 3.	2023 March 14, 05:37:58 PM +05:30	2023 March 14, 05:41:30 PM +05:30

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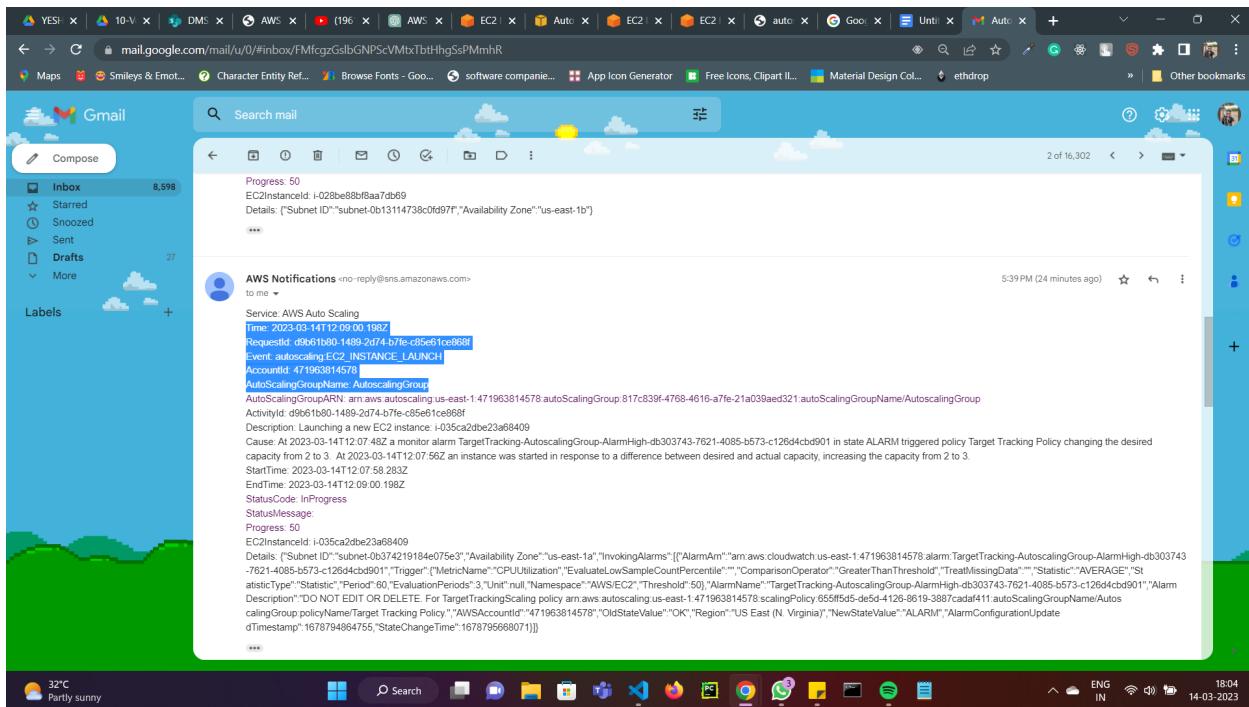


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AWS Notifications <no-reply@sns.amazonaws.com>
to me ▾
Service: AWS Auto Scaling
Time: 2023-03-14T11:55:00.198Z
RequestId: 3061b7c-e31b-f59-c384-17addefe8803
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 471963814578
AutoScalingGroupName: AutoScalingGroup
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f-4768-4616-a7fe-21a039aed321:autoScalingGroupName:AutoScalingGroup
ActivityId: 3061b7c-e31b-f59-c384-17addefe8803
Description: Launching a new EC2 instance: i-028be88bf8aa7db69
Cause: At 2023-03-14T11:54:24Z a user request created an AutoScalingGroup changing the desired capacity from 0 to 2. At 2023-03-14T11:54:26Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 0 to 2.
StartTime: 2023-03-14T11:54:28.477Z
EndTime: 2023-03-14T11:55:00.198Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2InstanceId: i-028be88bf8aa7db69
Details: {"Subnet ID": "subnet-0b13114738c0fd97f", "Availability Zone": "us-east-1b"}

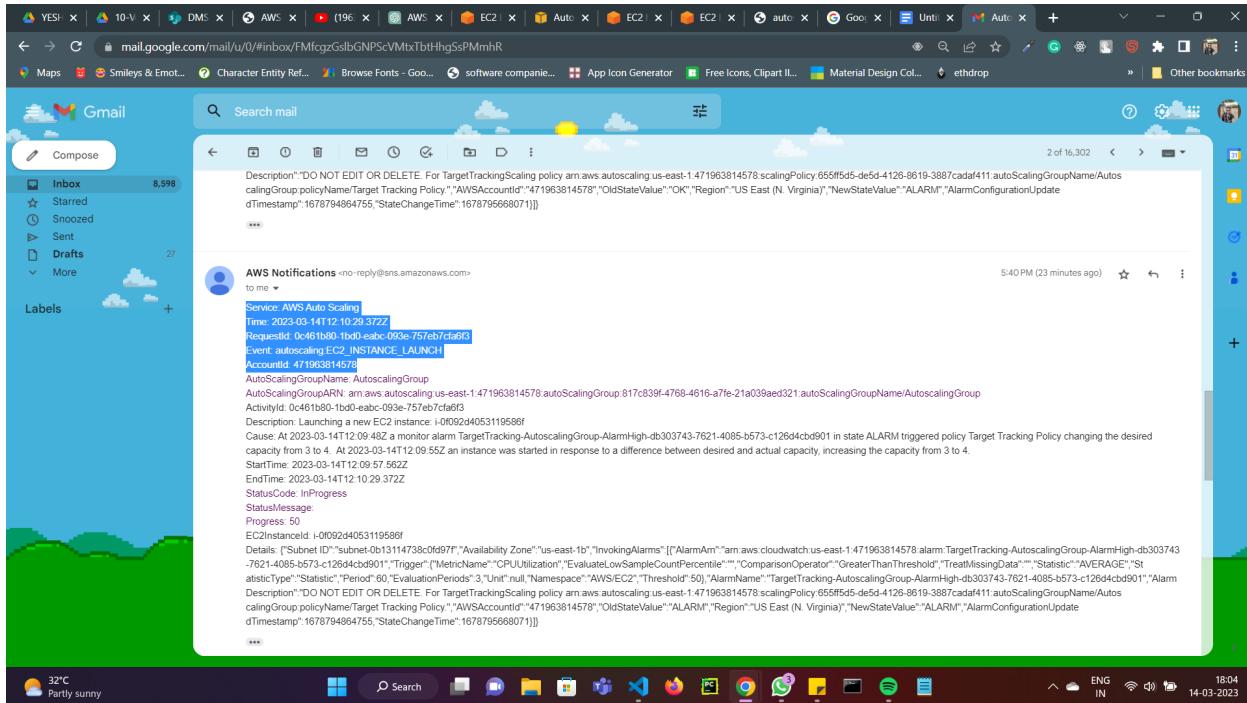
AWS Notifications <no-reply@sns.amazonaws.com>
to me ▾
Service: AWS Auto Scaling
Time: 2023-03-14T12:09:00.198Z
RequestId: d961b6b0-1489-2d74-b7fe-c85e61ce868f
Event: autoscaling:EC2_INSTANCE_LAUNCH



Progress: 50
EC2InstanceId: i-028be88bf8aa7db69
Details: {"Subnet ID": "subnet-0b13114738c0fd97f", "Availability Zone": "us-east-1b"}

AWS Notifications <no-reply@sns.amazonaws.com>
to me ▾
Service: AWS Auto Scaling
Time: 2023-03-14T12:09:00.198Z
RequestId: d961b6b0-1489-2d74-b7fe-c85e61ce868f
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 471963814578
AutoScalingGroupName: AutoScalingGroup
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f-4768-4616-a7fe-21a039aed321:autoScalingGroupName:AutoScalingGroup
ActivityId: d961b6b0-1489-2d74-b7fe-c85e61ce868f
Description: Launching a new EC2 instance: i-035ca2dbe23a68409
Cause: At 2023-03-14T12:07:48Z a monitor alarm TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 2 to 3. At 2023-03-14T12:07:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 2 to 3.
StartTime: 2023-03-14T12:07:58.283Z
EndTime: 2023-03-14T12:09:00.198Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2InstanceId: i-035ca2dbe23a68409
Details: {"Subnet ID": "subnet-0b374219184e075e3", "Availability Zone": "us-east-1a", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluationPeriods": 3, "ComparisonOperator": "GreaterThanOrEqualToThreshold", "Threshold": 0.5}, "MetricStat": {"MetricName": "CPUUtilization", "Period": 300, "Stat": "AVERAGE"}, "StatisticType": "Average", "Unit": "Percent", "NameSpace": "AWS/EC2", "Dimensions": [{"Name": "AlarmName", "Value": "TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901"}, {"Name": "MetricName", "Value": "CPUUtilization"}]}]}
Cause: At 2023-03-14T12:07:48Z a monitor alarm TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 2 to 3. At 2023-03-14T12:07:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 2 to 3.
StartTime: 2023-03-14T12:07:58.283Z
EndTime: 2023-03-14T12:09:00.198Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2InstanceId: i-035ca2dbe23a68409
Details: {"Subnet ID": "subnet-0b374219184e075e3", "Availability Zone": "us-east-1a", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluationPeriods": 3, "ComparisonOperator": "GreaterThanOrEqualToThreshold", "Threshold": 0.5}, "MetricStat": {"MetricName": "CPUUtilization", "Period": 300, "Stat": "AVERAGE"}, "StatisticType": "Average", "Unit": "Percent", "NameSpace": "AWS/EC2", "Dimensions": [{"Name": "AlarmName", "Value": "TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cbd901"}, {"Name": "MetricName", "Value": "CPUUtilization"}]}]}
Description: "DO NOT EDIT OR DELETE. For TargetTrackingScaling policy arn:aws:autoscaling:us-east-1:471963814578:scalingPolicy:655f5d5-de5d-4126-8819-3887cadf411:autoScalingGroupName:AutoscalingGroup policyName:Target Tracking Policy", "AWSAccountId": "471963814578", "OldStateValue": "OK", "Region": "US East (N. Virginia)", "NewStateValue": "ALARM", "AlarmConfigurationUpdate": "Timestamp": 1678794864755, "StateChangeTime": 1678786668071}]}

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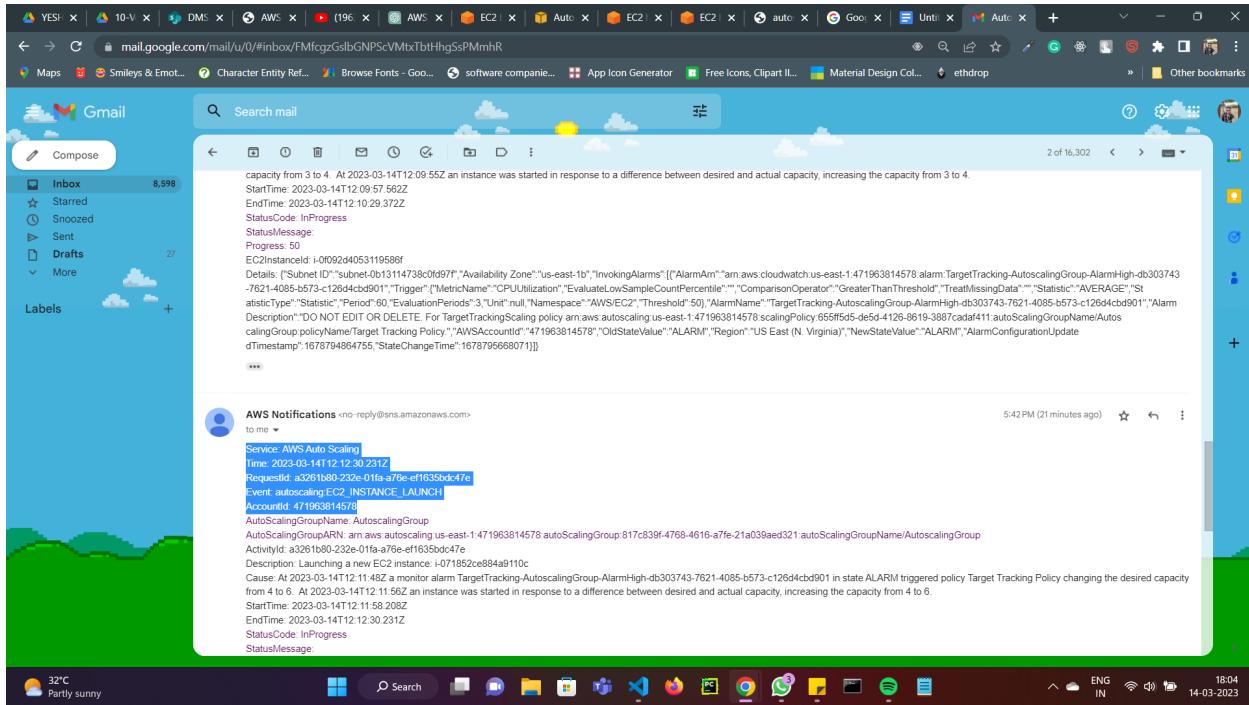


Description: "DO NOT EDIT OR DELETE. For TargetTrackingScaling policy arn:aws:autoscaling:us-east-1:471963814578:scalingPolicy:655ff5d5-de5d-4126-8619-3887cada411:autoScalingGroupName:AutoscalingGroup policyName:Target Tracking Policy","AWSAccountId":471963814578,"OldStateValue":"OK","Region":"US East (N. Virginia)","NewStateValue":"ALARM","AlarmConfigurationUpdate":{ "Timestamp":1678794864755,"StateChangeTime":1678795668071}}]

AWS Notifications <no-reply@sns.amazonaws.com> to me 5:40 PM (23 minutes ago)

Service: AWS Auto Scaling
Time: 2023-03-14T12:10:29.372Z
RequestId: 0x46fb80-bbd0-eabc-093e-757eb7cf9f3
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 471963814578
AutoScalingGroupName: AutoscalingGroup
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f-4768-4616-a7fe-21a039aed321:autoScalingGroupName:AutoscalingGroup
ActivityId: 0c4619b0-1bd0-eabc-093e-757eb7cf9f3
Description: Launching a new EC2 instance: i-0f092d4053119586f
Cause: At 2023-03-14T12:09:48Z a monitor alarm TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 3 to 4. At 2023-03-14T12:09:55Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 3 to 4.
StartTime: 2023-03-14T12:09:57.662Z
EndTime: 2023-03-14T12:10:29.372Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2InstanceId: i-0f092d4053119586f
Details: {"Subnet ID": "subnet-0b13114738c0fd97f", "Availability Zone": "us-east-1b", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "GreaterThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoscalingGroup-AlarmHigh-db303743-7621-4085-b573-c126d4cb901", "AlarmDescription": "DO NOT EDIT OR DELETE. For TargetTrackingScaling policy arn:aws:autoscaling:us-east-1:471963814578:scalingPolicy:655ff5d5-de5d-4126-8619-3887cada411:autoScalingGroupName:AutoscalingGroup policyName:Target Tracking Policy","AWSAccountId":471963814578,"OldStateValue":"OK","Region":"US East (N. Virginia)","NewStateValue":"ALARM","AlarmConfigurationUpdate":{ "Timestamp":1678794864755,"StateChangeTime":1678795668071}}]}

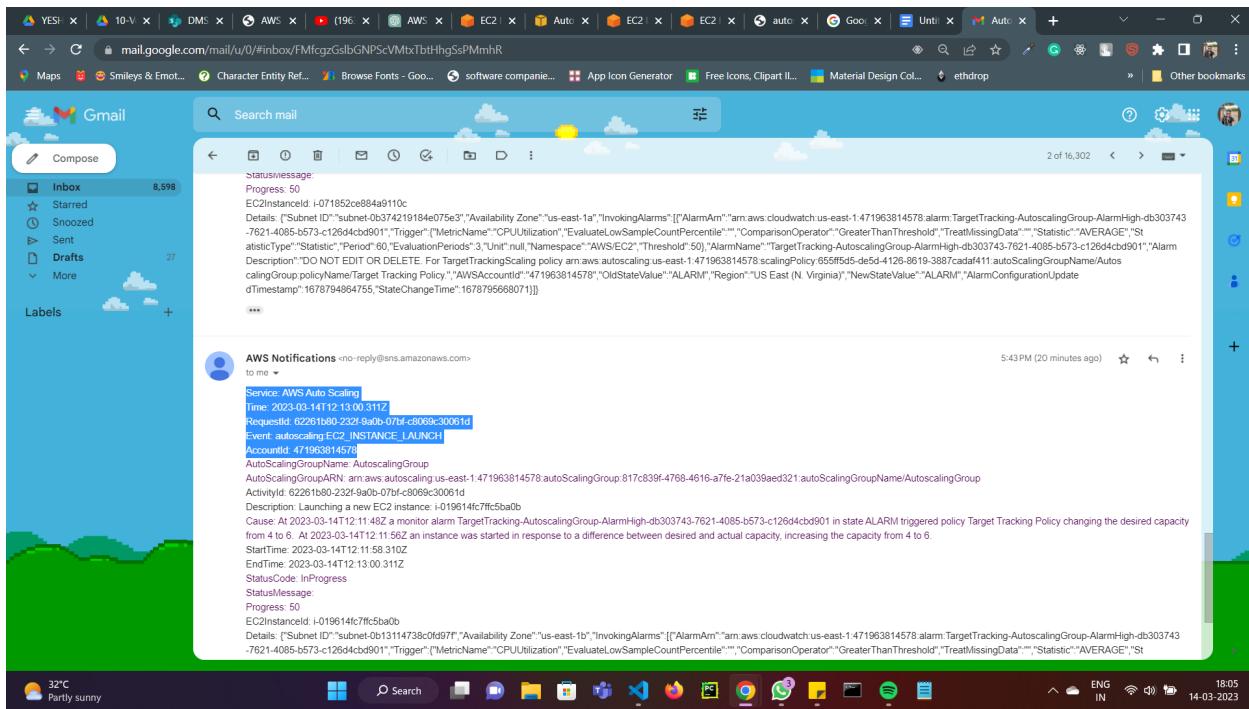
Yeshwanth Chauhan



capacity from 3 to 4. At 2023-03-14T12:09:55Z, an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 3 to 4.
StartTime: 2023-03-14T12:09:57Z
EndTime: 2023-03-14T12:10:29.372Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2instanced: i-0f02d4053119589f
Details: {"Subnet ID": "subnet-0b13114738c0f907f", "Availability Zone": "us-east-1b", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "GreaterThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901"}, {"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoScalingGroup-AlarmLow-db303743-7621-4085-b573-c1264cd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "LessThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoScalingGroup-AlarmLow-db303743-7621-4085-b573-c1264cd901"}], "OldStateValue": "ALARM", "Region": "US East (N. Virginia)", "NewStateValue": "ALARM", "AlarmConfigurationUpdate": "dTimestamp": 1678794864755, "StateChangeTime": 1678795668071}]}

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Service: AWS Auto Scaling
Time: 2023-03-14T12:12:30.231Z
RequestId: a261b60-232e-01fa-a76e-e1f639bd47e
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 471963814578
AutoScalingGroupName: AutoScalingGroup
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f-4768-4616-a7fe-21a039aed321:autoScalingGroupName:AutoScalingGroup
ActivityId: a261b60-232e-01fa-a76e-e1f639bd47e
Description: Launching a new EC2 instance: i-071852ce884a9110c
Cause: At 2023-03-14T12:11:48Z a monitor alarm Target Tracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 4 to 6. At 2023-03-14T12:11:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 4 to 6.
StartTime: 2023-03-14T12:11:58Z
EndTime: 2023-03-14T12:12:30.231Z
StatusCode: InProgress
StatusMessage:
Status: message



status:message
Progress: 50
EC2instanced: i-071852ce884a9110c
Details: {"Subnet ID": "subnet-0b374219184e075e3", "Availability Zone": "us-east-1a", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "GreaterThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901"}, {"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoScalingGroup-AlarmLow-db303743-7621-4085-b573-c1264cd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "LessThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoScalingGroup-AlarmLow-db303743-7621-4085-b573-c1264cd901"}], "OldStateValue": "ALARM", "Region": "US East (N. Virginia)", "NewStateValue": "ALARM", "AlarmConfigurationUpdate": "dTimestamp": 1678794864755, "StateChangeTime": 1678795668071}]}

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Service: AWS Auto Scaling
Time: 2023-03-14T12:13:00.311Z
RequestId: 62261b60-232f-9a0b-07bf-c8069c30061d
Event: autoscaling:EC2_INSTANCE_LAUNCH
AccountId: 471963814578
AutoScalingGroupName: AutoScalingGroup
AutoScalingGroupARN: arn:aws:autoscaling:us-east-1:471963814578:autoScalingGroup:817c839f-4768-4616-a7fe-21a039aed321:autoScalingGroupName:AutoScalingGroup
ActivityId: 62261b60-232f-9a0b-07bf-c8069c30061d
Description: Launching a new EC2 instance: i-019614fc7fc5ba0b
Cause: At 2023-03-14T12:11:48Z a monitor alarm Target Tracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901 in state ALARM triggered policy Target Tracking Policy changing the desired capacity from 4 to 6. At 2023-03-14T12:11:56Z an instance was started in response to a difference between desired and actual capacity, increasing the capacity from 4 to 6.
StartTime: 2023-03-14T12:11:58.310Z
EndTime: 2023-03-14T12:13:00.311Z
StatusCode: InProgress
StatusMessage:
Progress: 50
EC2instanced: i-019614fc7fc5ba0b
Details: {"Subnet ID": "subnet-0b13114738c0f907f", "Availability Zone": "us-east-1b", "InvokingAlarms": [{"AlarmArn": "arn:aws:cloudwatch:us-east-1:471963814578:alarm:TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901", "Trigger": {"MetricName": "CPUUtilization", "EvaluateLowSampleCountPercentile": "", "ComparisonOperator": "GreaterThanOrEqualToThreshold", "TreatMissingData": "", "Statistic": "AVERAGE", "StatisticType": "Statistic", "Period": "60", "EvaluationPeriods": "3", "Unit": "null", "Namespace": "AWS/EC2", "Threshold": "50"}, "AlarmName": "TargetTracking-AutoScalingGroup-AlarmHigh-db303743-7621-4085-b573-c1264cd901"}], "OldStateValue": "ALARM", "Region": "US East (N. Virginia)", "NewStateValue": "ALARM", "AlarmConfigurationUpdate": "dTimestamp": 1678794864755, "StateChangeTime": 1678795668071}]}
