Create launch template | EC2 Ma | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTemplate:

aws | Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

EC2 > Launch templates > Create launch template

Create launch template

Creating a launch template allows you to create a saved instance configuration that can be reused, shared and launched at a later time. Templates can have multiple versions.

Launch template name and description

Launch template name - *required*

My-ASG-LT

Must be unique to this account. Max 128 chars. No spaces or special characters like '&', '*', '@'.

Template version description

demo

Max 255 chars

Auto Scaling guidance **Info**

Select this if you intend to use this template with EC2 Auto Scaling

☑ Provide guidance to help me set up a template that I can use with EC2 Auto Scaling

▶ Template tags

▶ Source template

Summary

Software Image (AMI)

-

Virtual server type (instance type)

-

Firewall (security group)

-

Storage (volumes)

-

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel | Create launch template

Create launch template | EC2 Ma | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTemplate:

Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

Quickstart AMIs (47) Commonly used AMIs | **My AMIs (0)** Created by me | **AWS Marketplace AMIs (7905)** AWS & trusted third-party AMIs | **Community AMIs (500)** Published by anyone

Refine results

Clear all filters

- Free tier only Info
- OS category
  - All Linux/Unix
  - All Windows
- Architecture
  - 64-bit (Arm)
  - 32-bit (x86)
  - 64-bit (x86)

All products (47 filtered, 47 unfiltered)

1

Amazon Linux 2023 AMI

ami-0607784b46cbe5816 (64-bit (x86)) / ami-0b533d531f49fd430 (64-bit (Arm))

Amazon Linux

Free tier eligible

Verified provider

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Platform: amazon | Root device type: ebs | Virtualization: hvm | ENA enabled: Yes

Select

64-bit (x86)

64-bit (Arm)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type

ami-078efad6f7ec18b8a (64-bit (x86)) / ami-01ca635935f709b8a (64-bit (Arm))

Amazon Linux

Free tier eligible

Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is now under maintenance only mode and has been

Select

64-bit (x86)

AMI from catalog | Quick Start

Amazon Machine Image (AMI)

al2023-ami-2023.0.20230517.1-kernel-6.1-x86_64
ami-0607784b46cbe5816

Free tier eligible
Verified provider

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Catalog	Published	Architecture	Virtualization	Root device type	ENA Enabled
Quickstart AMIs	2023-05-15T20:19:07.000Z	x86_64	hvm	ebs	Yes

Instance type Info

Advanced

Instance type

t2.micro — Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Linux pricing: 0.0124 USD per Hour
On-Demand Windows pricing: 0.017 USD per Hour
On-Demand RHEL pricing: 0.0724 USD per Hour
On-Demand SUSE pricing: 0.0124 USD per Hour

All generations

Compare instance types

Summary

Software Image (AMI)
Amazon Linux 2023 AMI
ami-0607784b46cbe5816

Virtual server type (instance type)
t2.micro

Firewall (security group)
-

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel | Create launch template

Create launch template | EC2 M... | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTemplate:

aws | Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name

win

Create new key pair

Network settings Info

Subnet Info

Don't include in launch template

Create new subnet

When you specify a subnet, a network interface is automatically added to your template.

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

- (•) Select existing security group
- ( ) Create security group

Security groups Info

Select security groups

lin sg-00a73904030cf5b44

VPC: vpc-08343132748a052f6

Compare security group rules

▶ Advanced network configuration

Summary

Software Image (AMI)

Amazon Linux 2023 AMI

ami-0607784b46cbe5816

Virtual server type (instance type)

t2.micro

Firewall (security group)

lin

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Create launch template

Create launch template | EC2 M... | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTemplate:

aws | Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

Storage (volumes) Info

EBS Volumes

Hide details

▶ Volume 1 (AMI Root) (8 GiB, EBS, General purpose SSD (gp3))
AMI Volumes are not included in the template unless modified

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

Resource tags Info

Key Info	Value Info	Resource types Info	
Name	Webserver	Select resource ty...	Remove
		Instances	

Add new tag

You can add up to 49 more tags.

Summary

Software Image (AMI)
Amazon Linux 2023 AMI
ami-0607784b46cbe5816

Virtual server type (instance type)
t2.micro

Firewall (security group)
lin

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel | Create launch template

Success
Successfully created My-ASG-LT (lt-0fc9140351218d538)

▶ Actions log

Next steps

Launch an instance

With On-Demand Instances, you pay for compute capacity by the second (for Linux, with a minimum of 60 seconds) or by the hour (for all other operating systems) with no long-term commitments or upfront payments. Launch an On-Demand Instance from your launch template.

Launch instance from this template

Create an Auto Scaling group from your template

Amazon EC2 Auto Scaling helps you maintain application availability and allows you to scale your Amazon EC2 capacity up or down automatically according to conditions you define. You can use Auto Scaling to help ensure that you are running your desired number of Amazon EC2 instances during demand spikes to maintain performance and decrease capacity during lulls to reduce costs.

Create Auto Scaling group

Create Spot Fleet

A Spot Instance is an unused EC2 instance that is available for less than the On-Demand price. Because Spot Instances enable you to request unused EC2 instances at steep discounts, you can lower your Amazon EC2 costs significantly. The hourly price for a Spot Instance (of each instance type in each Availability Zone) is set by Amazon EC2, and adjusted gradually based on the long-term supply of and demand for Spot Instances. Spot instances are well-suited for data-analysis, batch jobs, background processing, and optional tasks.

Create Spot Fleet

EC2 > Launch templates

Launch templates (1) Info

Actions ▼ | Create launch template

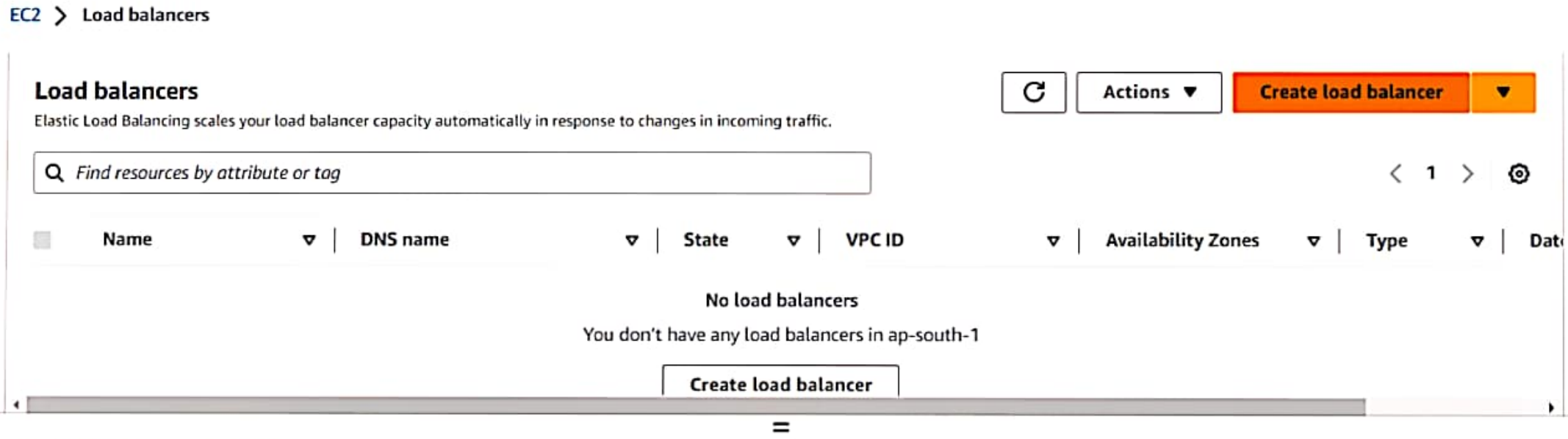
Filter by tags or properties or search by keyword

1

Launch template ID	Launch template name	Default version	Latest version
lt-0fc9140351218d538	My-ASG-LT	1	1

=

Select a launch template



0 load balancers selected

Select a load balancer above.

Load balancers | EC2 Manageme | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SelectCreateELBWizard:

Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

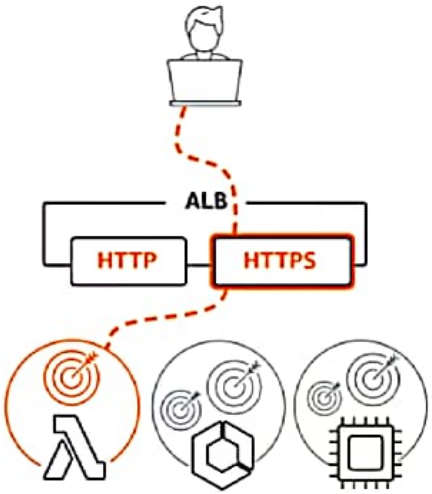
EC2 > Load balancers > Compare and select load balancer type

Compare and select load balancer type

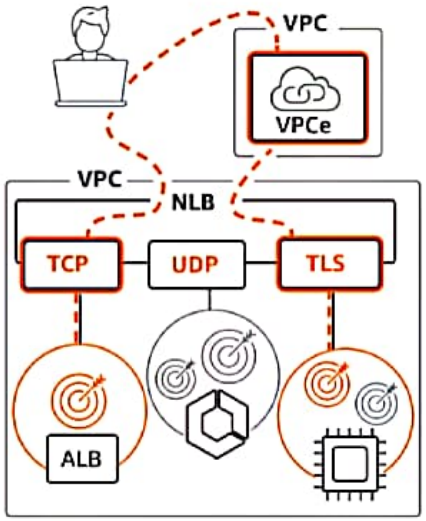
A complete feature-by-feature comparison along with detailed highlights is also available. Learn more

Load balancer types

Application Load Balancer Info



Network Load Balancer Info



Gateway Load Balancer Info

Choose an Application Load Balancer when

Choose a Network Load Balancer when you

Choose a Gateway Load Balancer when you

CloudShell | Feedback | Language

 Privacy | Terms | Cookie preferences

USDJPY +0.65%

Search

ENG IN

9:10 PM 6/2/2023

Load balancers | EC2 Manageme | AWS - STM : 2023

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SelectCreateELBWizard:

aws | Services | Search [Alt+S] | Mumbai | NagaMounika.AWS

Operating at the request level, Application Load Balancers provide advanced routing and visibility features targeted at application architectures, including microservices and containers.

Create

support for UDP, and static IP addresses for your applications. Operating at the connection level, Network Load Balancers are capable of handling millions of requests per second securely while maintaining ultra-low latencies.

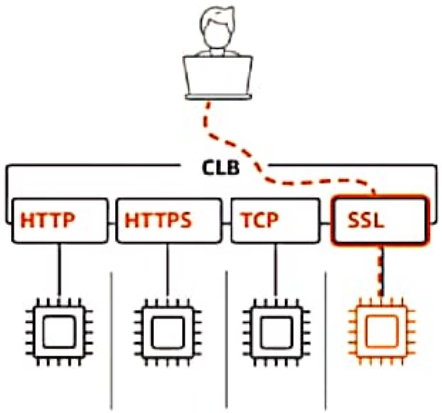
Create

These appliances enable you to improve security, compliance, and policy controls.

Create

▼ Classic Load Balancer - *previous generation*

Classic Load Balancer Info



Choose a Classic Load Balancer when you have an existing application running in the EC2-Classic network.

Create

Close

USDJPY +0.65% | Search | ENG IN | 9:10 PM 6/2/2023

1. Define Load Balancer | 2 Assign Security Groups | 3 Configure Security Settings | 4 Configure Health Check | 5 Add EC2 Instances | 6 Add Tags | 7. Review

Step 1: Define Load Balancer

Basic Configuration

This wizard will walk you through setting up a new load balancer. Begin by giving your new load balancer a unique name so that you can identify it from other load balancers you might create. You will also need to configure ports and protocols for your load balancer. Traffic from your clients can be routed from any load balancer port to any port on your EC2 instances. By default, we've configured your load balancer with a standard web server on port 80.

Load Balancer name: My-ASG-ELB

Create LB Inside: My Default VPC (172.31.0.0/16)

Create an internal load balancer: ☐ (what's this?)

Enable advanced VPC configuration: ☐

Listener Configuration:

Load Balancer Protocol	Load Balancer Port	Instance Protocol	Instance Port
HTTP	80	HTTP	80

Add

Cancel | Next: Assign Security Groups

1. Define Load Balancer | **2. Assign Security Groups** | 3. Configure Security Settings | 4. Configure Health Check | 5. Add EC2 Instances | 6. Add Tags | 7. Review

Step 2: Assign Security Groups

You have selected the option of having your Elastic Load Balancer inside of a VPC, which allows you to assign security groups to your load balancer. Please select the security groups to assign to this load balancer. This can be changed at any time.

Assign a security group:

- ○ Create a **new** security group
- ◉ Select an **existing** security group

Filter: VPC security groups

Security Group ID	Name	Description	Actions
sg-0cf586ee64179182c	default	default VPC security group	Copy to new
sg-08d901e90c953af9e	launch-wizard-1	launch-wizard-1 created 2023-05-22T16:17:01.960Z	Copy to new
sg-0b1f95b498c17bed6	launch-wizard-2	launch-wizard-2 created 2023-05-22T16:56:25.982Z	Copy to new
■ sg-00a73904030cf5b44	lin	lin	Copy to new

Cancel | Previous | **Next: Configure Security Settings**

1. Define Load Balancer | 2. Assign Security Groups | **3. Configure Security Settings** | 4. Configure Health Check | 5. Add EC2 Instances | 6. Add Tags | 7. Review

Step 3: Configure Security Settings

Improve your load balancer's security. Your load balancer is not using any secure listener.

If your traffic to the load balancer needs to be secure, use either the HTTPS or the SSL protocol for your front-end connection. You can go back to the first step to add/configure secure listeners under Basic Configuration section. You can also continue with current settings.

Cancel | Previous | **Next: Configure Health Check**

1. Define Load Balancer | 2. Assign Security Groups | 3. Configure Security Settings | **4. Configure Health Check** | 5. Add EC2 Instances | 6. Add Tags | 7. Review

Step 4: Configure Health Check

Your load balancer will automatically perform health checks on your EC2 instances and only route traffic to instances that pass the health check. If an instance fails the health check, it is automatically removed from the load balancer. Customize the health check to meet your specific needs.

Ping Protocol	HTTP
Ping Port	80
Ping Path	/index.html

Advanced Details

Response Timeout	2	seconds
Interval	5	seconds
Unhealthy threshold	2	
Healthy threshold	2	

Cancel | Previous | Next: Add EC2 Instances

1. Define Load Balancer | 2. Assign Security Groups | 3. Configure Security Settings | 4. Configure Health Check | **5. Add EC2 Instances** | 6. Add Tags | 7. Review

Step 5: Add EC2 Instances

The table below lists all your running EC2 Instances. Check the boxes in the Select column to add those instances to this load balancer.

VPC vpc-08343132748a052f6 (172.31.0.0/16)

Instance	Name	State	Security groups	Zone	Subnet ID	Subnet CIDR

No instances available.

Availability Zone Distribution

☑ Enable Cross-Zone Load Balancing ⓘ

☑ Enable Connection Draining ⓘ 300 seconds

Cancel | Previous | Next: Add Tags

1. Define Load Balancer | 2. Assign Security Groups | 3. Configure Security Settings | 4. Configure Health Check | 5. Add EC2 Instances | **6. Add Tags** | 7. Review

Step 6: Add Tags

Apply tags to your resources to help organize and identify them.

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver. Learn more about tagging your Amazon EC2 resources.

Key	Value

Create Tag

Cancel | Previous | Review and Create

1. Define Load Balancer | 2. Assign Security Groups | 3. Configure Security Settings | 4. Configure Health Check | 5. Add EC2 Instances | 6. Add Tags | **7. Review**

Step 7: Review

Please review the load balancer details before continuing

Define Load Balancer

Edit load balancer definition

Load Balancer name: My-ASG-ELB
Scheme: internet-facing
Port Configuration: 80 (HTTP) forwarding to 80 (HTTP)

Configure Health Check

Edit health check

Ping Target: HTTP:80/index.html
Timeout: 2 seconds
Interval: 5 seconds
Unhealthy threshold: 2
Healthy threshold: 2

Add EC2 Instances

Edit instances

Cross-zone load balancing: Enabled
Connection Draining: Enabled, 300 seconds
Instances:

VPC Information

Edit subnets

VPC: vpc-08343132748a052f6
Subnets: subnet-01495eb8d15dfad54, subnet-0beb40a14d48fa0dd, subnet-03e74313d702ffc7a

Cancel | Previous | Create

Load Balancer Creation Status

Successfully created load balancer

Load balancer My-ASG-ELB was successfully created.

Note: It may take a few minutes for your instances to become active in the new load balancer.

Close

EC2 | Load balancers | My-ASG-ELB

Load balancer: My-ASG-ELB

Description | Instances | Health check | Listeners | Monitoring | Tags | Migration

Connection Draining: Enabled, 300 seconds (Edit)

Edit Instances

Instance ID	Name	Availability Zone	Status	Actions
There are no instances registered to this load balancer				

Edit Availability Zones

Availability Zone	Subnet ID	Subnet CIDR	Instance Count	Healthy?	Actions
ap-south-1a	subnet-01495eb8d15dfad54	172.31.32.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer
ap-south-1b	subnet-03e74313d702ffc7a	172.31.0.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer
ap-south-1c	subnet-0beb40a14d48fa0dd	172.31.16.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer

Load balancers (1)

Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.

Actions | Create load balancer

Find resources by attribute or tag

1

Name	DNS name	State	VPC ID	Availability Zones	Type	Date c
My-ASG-ELB	My-ASG-ELB-152579541.a...	–	vpc-08343132748a052f6	3 Availability Zones	classic	June 2 (UTC+(

0 load balancers selected

Select a load balancer above.

Amazon EC2 Auto Scaling helps maintain the availability of your applications

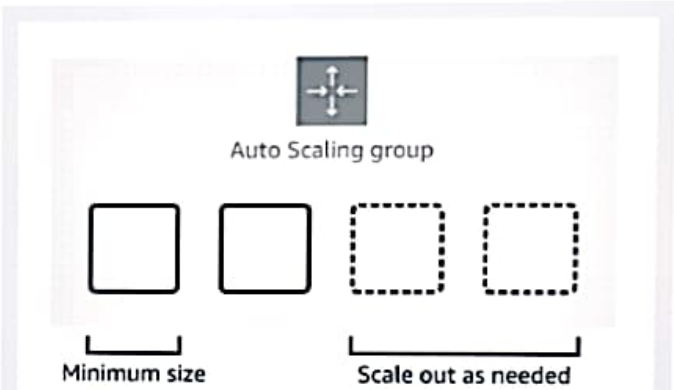
Auto Scaling groups are collections of Amazon EC2 instances that enable automatic scaling and fleet management features. These features help you maintain the health and availability of your applications.

Create Auto Scaling group

Get started with EC2 Auto Scaling by creating an Auto Scaling group.

Create Auto Scaling group

How it works



Pricing

Amazon EC2 Auto Scaling features have no additional fees beyond the service fees for Amazon EC2, CloudWatch (for scaling policies), and the other AWS resources that you use. Visit the pricing page of each service to learn more.

Getting started

scaling policies

Step 5 - *optional*
Add notifications

Step 6 - *optional*
Add tags

Step 7
Review

Launch template Info

Switch to launch configuration

Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.

My-ASG-LT

Create a launch template

Version

Default (1)

Create a launch template version

Description	Launch template	Instance type
demo	My-ASG-LT lt-0fc9140351218d538	t2.micro
AMI ID	**Security groups**	**Request Spot Instances**
ami-0607784b46cbe5816	-	No
Key pair name	**Security group IDs**	
win	sg-00a739040 30cf5b44	

Additional details

Storage (volumes)	Date created
-	Fri Jun 02 2023 21:08:25 GMT+0530

options

Step 3 - *optional*
Configure advanced options

Step 4 - *optional*
Configure group size and scaling policies

Step 5 - *optional*
Add notifications

Step 6 - *optional*
Add tags

Step 7
Review

Network Info

For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.

VPC
Choose the VPC that defines the virtual network for your Auto Scaling group.

vpc-08343132748a052f6
172.31.0.0/16 Default

Create a VPC

Availability Zones and subnets
Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.

Select Availability Zones and subnets

- ap-south-1a | subnet-01495eb8d15dfad54
  172.31.32.0/20 Default
- ap-south-1b | subnet-03e74313d702ffc7a
  172.31.0.0/20 Default
- ap-south-1c | subnet-0beb40a14d48fa0dd
  172.31.16.0/20 Default

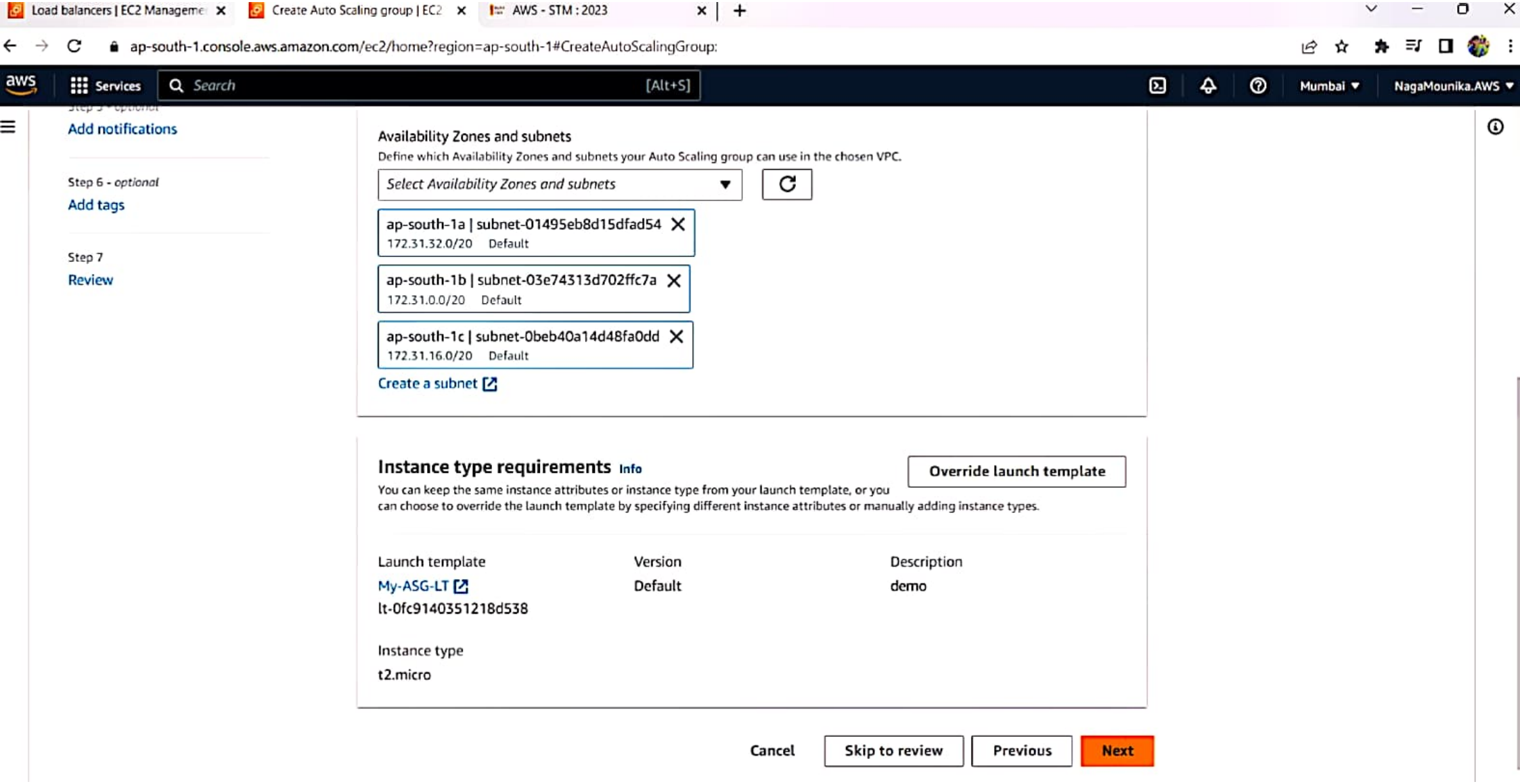
172.31.16.0/20 Default

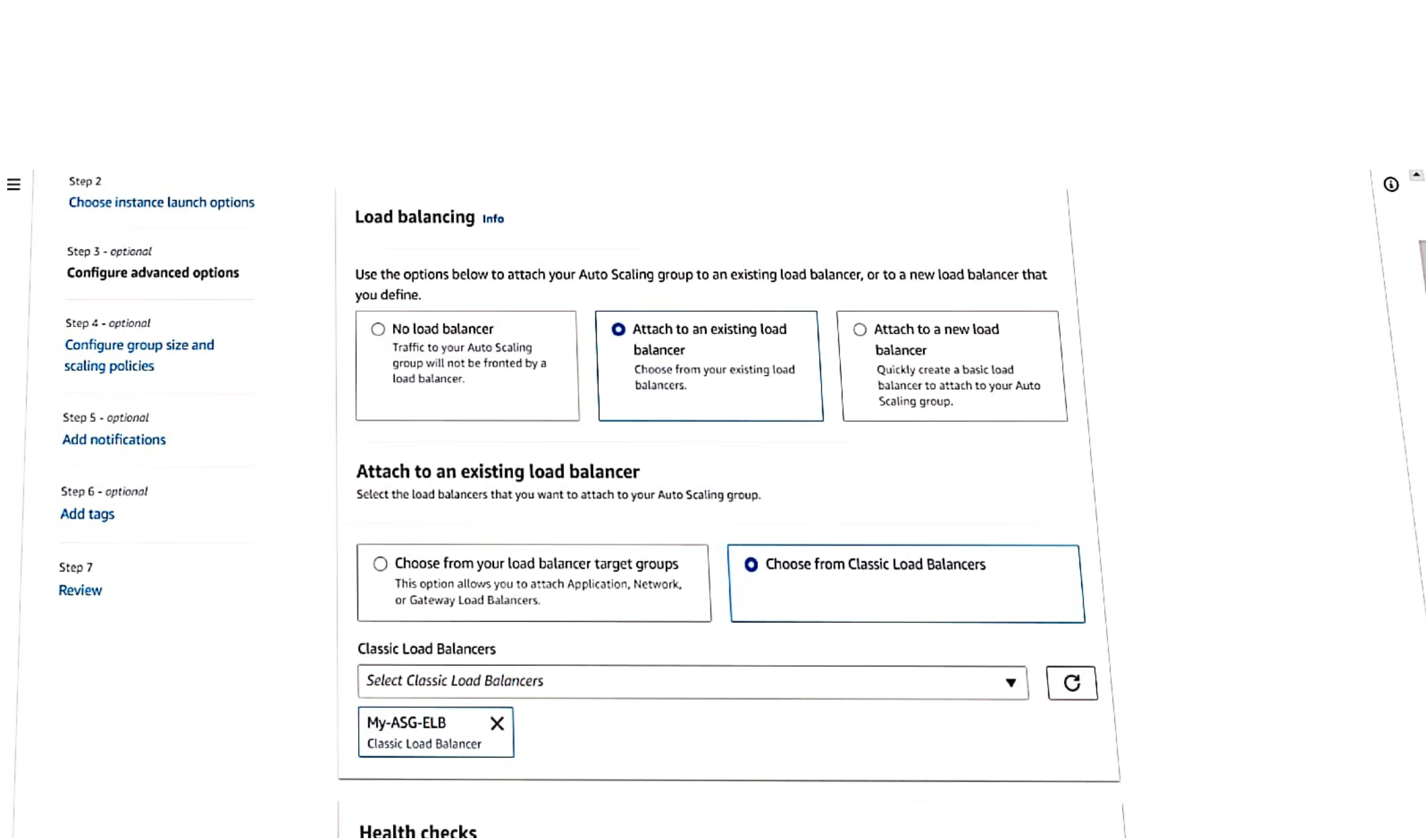
Create a subnet

Instance type requirements Info

Override launch template

You can keep the same instance attributes or instance type from your launch template, or you can choose to override the launch template by specifying different instance attributes or manually adding instance types.


Load balancers | EC2 Manageme
Create Auto Scaling group | EC2
AWS - STM : 2023
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateAutoScalingGroup:
aws
Services
Search
[Alt+S]
Mumbai
NagaMounika.AWS
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Availability Zones and subnets
Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.
Select Availability Zones and subnets
ap-south-1a | subnet-01495eb8d15dfad54
172.31.32.0/20 Default
ap-south-1b | subnet-03e74313d702ffc7a
172.31.0.0/20 Default
ap-south-1c | subnet-0beb40a14d48fa0dd
172.31.16.0/20 Default
Create a subnet
Instance type requirements Info
Override launch template
You can keep the same instance attributes or instance type from your launch template, or you can choose to override the launch template by specifying different instance attributes or manually adding instance types.
Launch template
My-ASG-LT
lt-0fc9140351218d538
Version
Default
Description
demo
Instance type
t2.micro
Cancel
Skip to review
Previous
Next


Step 2
Choose instance launch options
Step 3 - optional
Configure advanced options
Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Load balancing Info
Use the options below to attach your Auto Scaling group to an existing load balancer, or to a new load balancer that you define.
No load balancer
Traffic to your Auto Scaling group will not be fronted by a load balancer.
Attach to an existing load balancer
Choose from your existing load balancers.
Attach to a new load balancer
Quickly create a basic load balancer to attach to your Auto Scaling group.
Attach to an existing load balancer
Select the load balancers that you want to attach to your Auto Scaling group.
Choose from your load balancer target groups
This option allows you to attach Application, Network, or Gateway Load Balancers.
Choose from Classic Load Balancers
Classic Load Balancers
Select Classic Load Balancers
My-ASG-ELB
Classic Load Balancer
Health checks

Additional health check types - *optional* Info

Turn on Elastic Load Balancing health checks Recommended

Elastic Load Balancing monitors whether instances are available to handle requests. When it reports an unhealthy instance, EC2 Auto Scaling can replace it on its next periodic check.

EC2 Auto Scaling will start to detect and act on health checks performed by Elastic Load Balancing. To avoid unexpected terminations, first verify the settings of these health checks in the Load Balancer console

Health check grace period Info

This time period delays the first health check until your instances finish initializing. It doesn't prevent an instance from terminating when placed into a non-running state.

5 seconds

Additional settings

Monitoring Info

Enable group metrics collection within CloudWatch

Default instance warmup Info

The amount of time that CloudWatch metrics for new instances do not contribute to the group's aggregated instance metrics, as their usage data is not reliable yet.

Enable default instance warmup

Cancel Skip to review Previous Next

Step 1
Choose launch template or configuration

Step 2
Choose instance launch options

Step 3 - *optional*
Configure advanced options

Step 4 - *optional*
Configure group size and scaling policies

Step 5 - *optional*
Add notifications

Step 6 - *optional*
Add tags

Step 7
Review

Configure group size and scaling policies - *optional* Info

Set the desired, minimum, and maximum capacity of your Auto Scaling group. You can optionally add a scaling policy to dynamically scale the number of instances in the group.

Group size - *optional* Info

Specify the size of the Auto Scaling group by changing the desired capacity. You can also specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.

Desired capacity

3

Minimum capacity

3

Maximum capacity

10

Scaling policies - *optional*

Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info

that outcome.

Scaling policy name

Target Tracking Policy

Metric type

Average CPU utilization

Target value

90

Instances need

10 seconds warm up before including in metric

☐ Disable scale in to create only a scale-out policy

Instance scale-in protection - *optional*

Instance scale-in protection

If protect from scale in is enabled, newly launched instances will be protected from scale in by default.

☐ Enable instance scale-in protection

Cancel | Skip to review | Previous | Next

Step 1
Choose launch template or configuration

Step 2
Choose instance launch options

Step 3 - *optional*
Configure advanced options

Step 4 - *optional*
Configure group size and scaling policies

Step 5 - *optional*
Add notifications

Step 6 - *optional*
Add tags

Step 7
Review

Add notifications - *optional* Info

Send notifications to SNS topics whenever Amazon EC2 Auto Scaling launches or terminates the EC2 instances in your Auto Scaling group.

Add notification

Cancel | Skip to review | Previous | Next

Step 1
Choose launch template or configuration

Step 2
Choose instance launch options

Step 3 - *optional*
Configure advanced options

Step 4 - *optional*
Configure group size and scaling policies

Step 5 - *optional*
Add notifications

Step 6 - *optional*
Add tags

Step 7
Review

Add tags - *optional* Info

Add tags to help you search, filter, and track your Auto Scaling group across AWS. You can also choose to automatically add these tags to instances when they are launched.

You can optionally choose to add tags to instances (and their attached EBS volumes) by specifying tags in your launch template. We recommend caution, however, because the tag values for instances from your launch template will be overridden if there are any duplicate keys specified for the Auto Scaling group.

Tags (1)

Key	Value - optional	Tag new instances	
Name	Webserver	☑	Remove

Add tag

49 remaining

Cancel Previous Next

Instance scale-in protection

Instance scale-in protection

☐ Enable instance protection from scale in

Step 5: Add notifications

Edit

Notifications

No notifications

Step 6: Add tags

Edit

Tags (1)

Key	Value	Tag new instances
Name	Webserver	Yes

Cancel | Previous | Create Auto Scaling group

My-ASG, 1 Scaling policy created successfully

EC2 > Auto Scaling groups

Auto Scaling groups (1) Info

Launch configurations | Launch templates | Actions | Create Auto Scaling group

Search your Auto Scaling groups

1

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availabil...
My-ASG	My-ASG-LT | Version Default	2	Updating capacity...	3	3	10	ap-south-1...

0 Auto Scaling groups selected

Resources

EC2 Global view

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances (running)	3	Auto Scaling Groups	1	Dedicated Hosts	0
Elastic IPs	0	Instances	3	Key pairs	1
Load balancers	1	Placement groups	0	Security groups	4
Snapshots	0	Volumes	3		

Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more

Account attributes

Supported platforms

- VPC

Default VPC
vpc-08343132748a052f6

Settings

EBS encryption

Zones

EC2 Serial Console

Default credit specification

Console experiments

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance

Migrate a server

Note: Your instances will launch in the Asia Pacific (Mumbai) Region

Service health

AWS Health Dashboard

Region
Asia Pacific (Mumbai)

Status
This service is operating normally

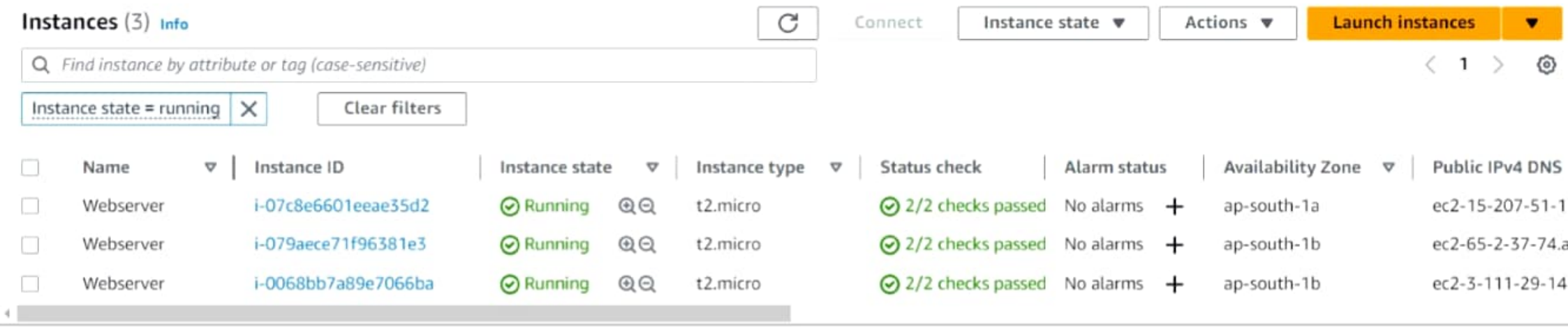
Explore AWS

Enable Best Price-Performance with AWS Graviton2

AWS Graviton2 powered EC2 instances enable up to 40% better price performance for a broad spectrum of cloud workloads. Learn more

Save up to 90% on EC2 with Spot Instances

Optimize price-performance by combining EC2


Instances (3) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
1
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Webserver
i-07c8e6601eeae35d2
Running
t2.micro
2/2 checks passed
No alarms
ap-south-1a
ec2-15-207-51-1
Webserver
i-079aece71f96381e3
Running
t2.micro
2/2 checks passed
No alarms
ap-south-1b
ec2-65-2-37-74.a
Webserver
i-0068bb7a89e7066ba
Running
t2.micro
2/2 checks passed
No alarms
ap-south-1b
ec2-3-111-29-14

EC2 | Load balancers | My-ASG-ELB

Load balancer: My-ASG-ELB

Description | **Instances** | Health check | Listeners | Monitoring | Tags | Migration

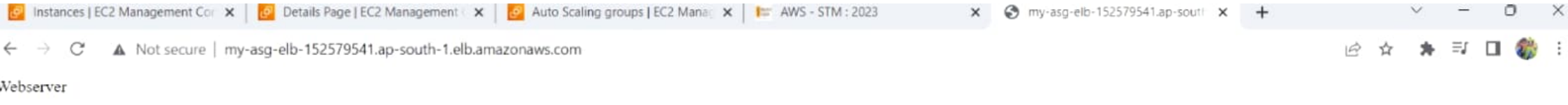
Connection Draining: Enabled, 300 seconds (Edit)

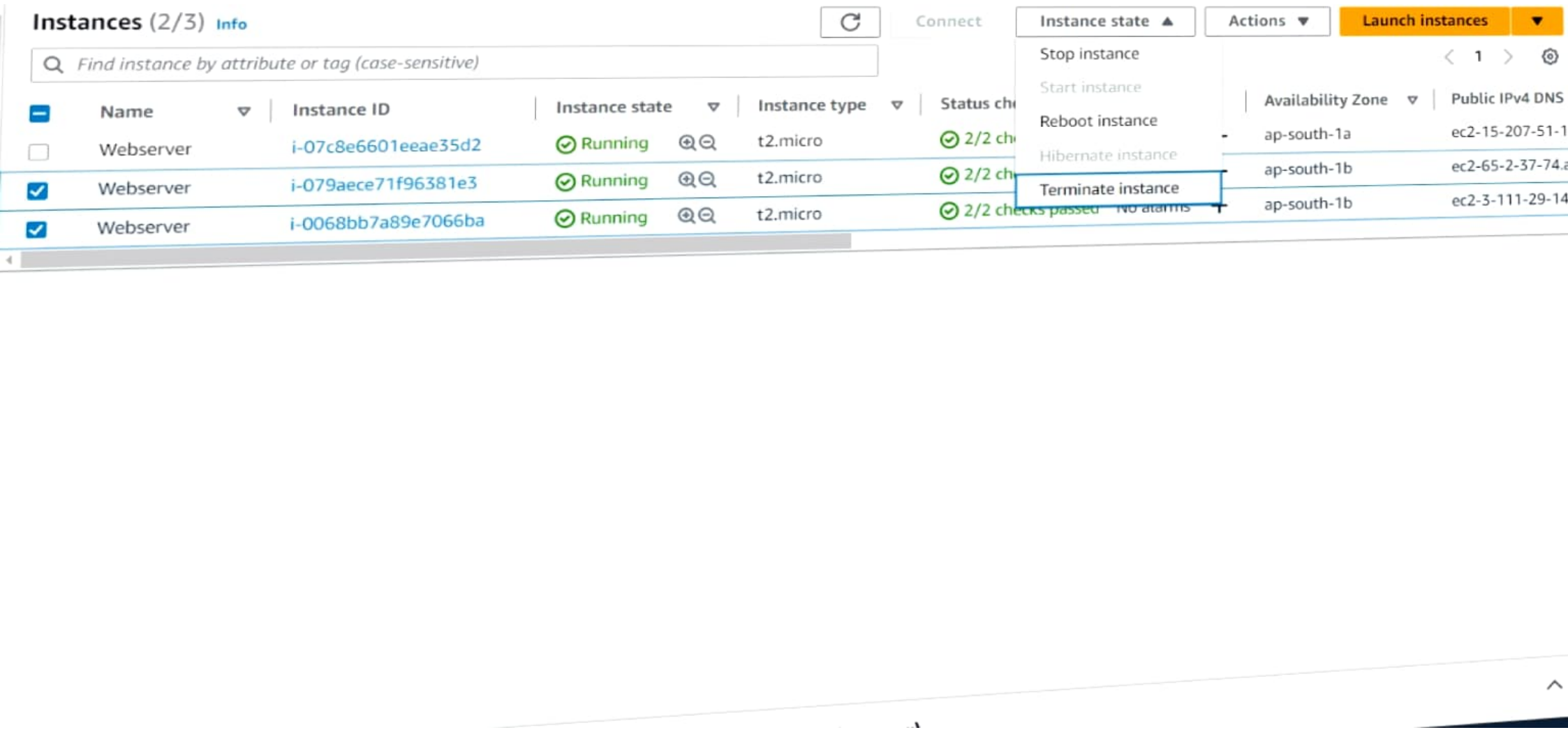
Edit Instances

Instance ID	Name	Availability Zone	Status	Actions
i-07c8e6601eeae35d2	Webserver	ap-south-1a	InService	Remove from Load Balancer
i-079aece71f96381e3	Webserver	ap-south-1b	InService	Remove from Load Balancer
i-0068bb7a89e7066ba	Webserver	ap-south-1b	InService	Remove from Load Balancer

Edit Availability Zones

Availability Zone	Subnet ID	Subnet CIDR	Instance Count	Healthy?	Actions
ap-south-1a	subnet-01495eb8d15dfad54	172.31.32.0/20	1	Yes	Remove from Load Balancer
ap-south-1b	subnet-03e74313d702ffc7a	172.31.0.0/20	2	Yes	Remove from Load Balancer
ap-south-1c	subnet-0beb40a14d48fa0dd	172.31.16.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer


Instances | EC2 Management Co
Details Page | EC2 Management
Auto Scaling groups | EC2 Mana
AWS - STM : 2023
my-asg-elb-152579541.ap-sout
Not secure | my-asg-elb-152579541.ap-south-1.elb.amazonaws.com
Webserver


Instances (2/3) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Stop instance
Start instance
Reboot instance
Hibernate instance
Terminate instance
1
Name
Instance ID
Instance state
Instance type
Availability Zone
Public IPv4 DNS
Webserver
i-07c8e6601eeae35d2
Running
t2.micro
ap-south-1a
Webserver
i-079aece71f96381e3
Running
t2.micro
ap-south-1b
Webserver
i-0068bb7a89e7066ba
Running
t2.micro
ap-south-1b

EC2 | Load balancers | My-ASG-ELB

Load balancer: My-ASG-ELB

Description | Instances | Health check | Listeners | Monitoring | Tags | Migration

Connection Draining: Enabled, 300 seconds (Edit)

Edit Instances

Instance ID	Name	Availability Zone	Status	Actions
i-07c8e6601eeae35d2	Webserver	ap-south-1a	InService	Remove from Load Balancer

Edit Availability Zones

Availability Zone	Subnet ID	Subnet CIDR	Instance Count	Healthy?	Actions
ap-south-1a	subnet-01495eb8d15dfad54	172.31.32.0/20	1	Yes	Remove from Load Balancer
ap-south-1b	subnet-03e74313d702ffc7a	172.31.0.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer
ap-south-1c	subnet-0beb40a14d48fa0dd	172.31.16.0/20	0	No (Availability Zone contains no healthy targets)	Remove from Load Balancer


Instances | EC2 Managemer
Load balancers | EC2 Mana
Details Page | EC2 Manage
Auto Scaling groups | EC2
AWS - STM : 2023
my-asg-elb-152579541.ap
Not secure | my-asg-elb-152579541.ap-south-1.elb.amazonaws.com

Webserver

Delete Auto Scaling group

Auto Scaling group contains running instances
Deleting these Auto Scaling groups will terminate all instances in each group. This action cannot be undone.

Are you sure you want to delete this Auto Scaling group?

- My-ASG

Deleting the Auto Scaling group will terminate all instances in the group. This action cannot be undone.

To confirm deletion, type *delete* in the field.

delete

Cancel Delete

Delete Auto Scaling group

Auto Scaling group contains running instances
Deleting these Auto Scaling groups will terminate all instances in each group. This action cannot be undone.

Are you sure you want to delete this Auto Scaling group?

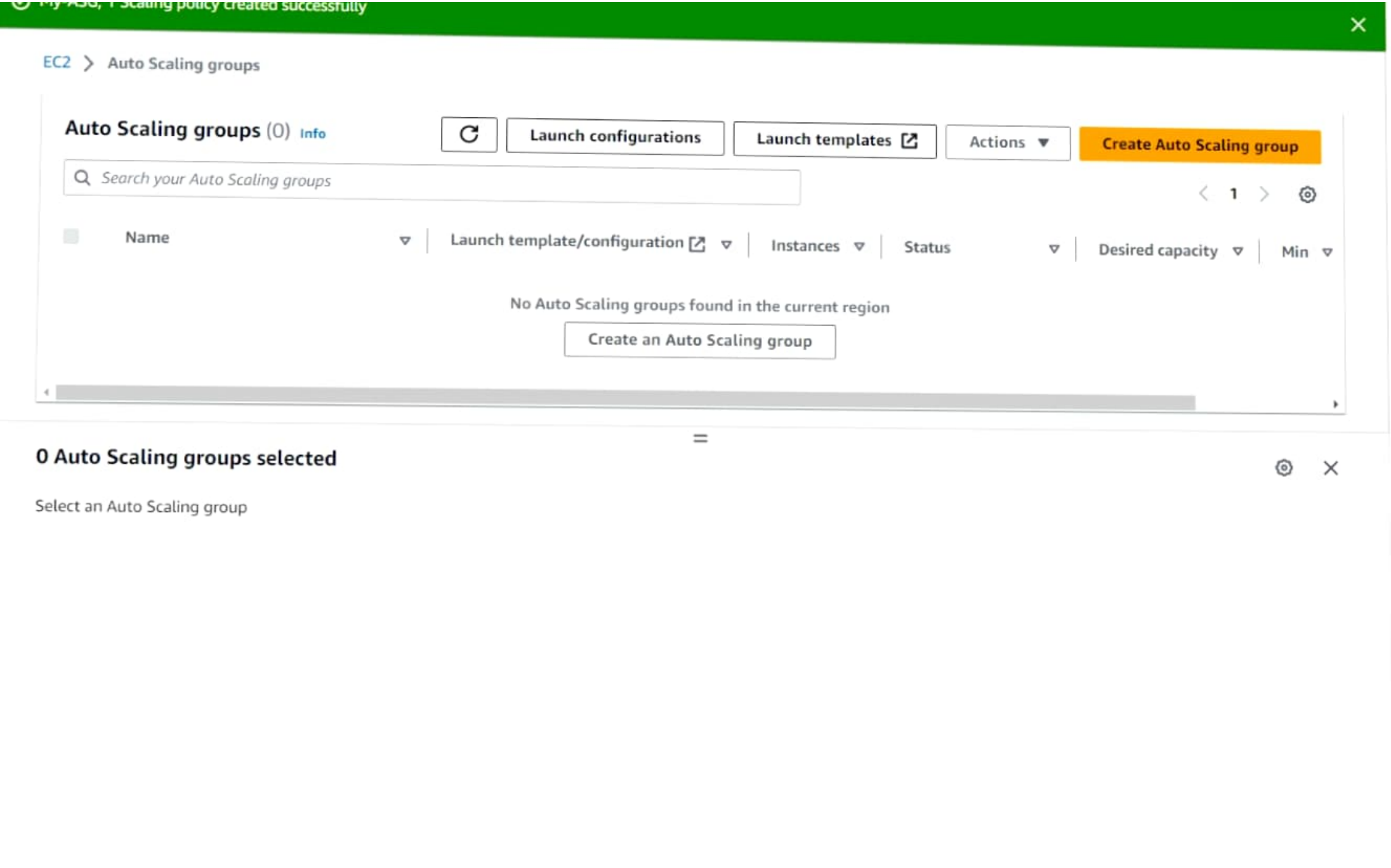
- My-ASG

Deleting the Auto Scaling group will terminate all instances in the group. This action cannot be undone.

To confirm deletion, type *delete* in the field.

delete

Cancel | Delete


My ASG, 1 scaling policy created successfully
EC2 > Auto Scaling groups
Auto Scaling groups (0) Info
Launch configurations
Launch templates
Actions
Create Auto Scaling group
Search your Auto Scaling groups
1
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
No Auto Scaling groups found in the current region
Create an Auto Scaling group
0 Auto Scaling groups selected
Select an Auto Scaling group

Delete load balancer

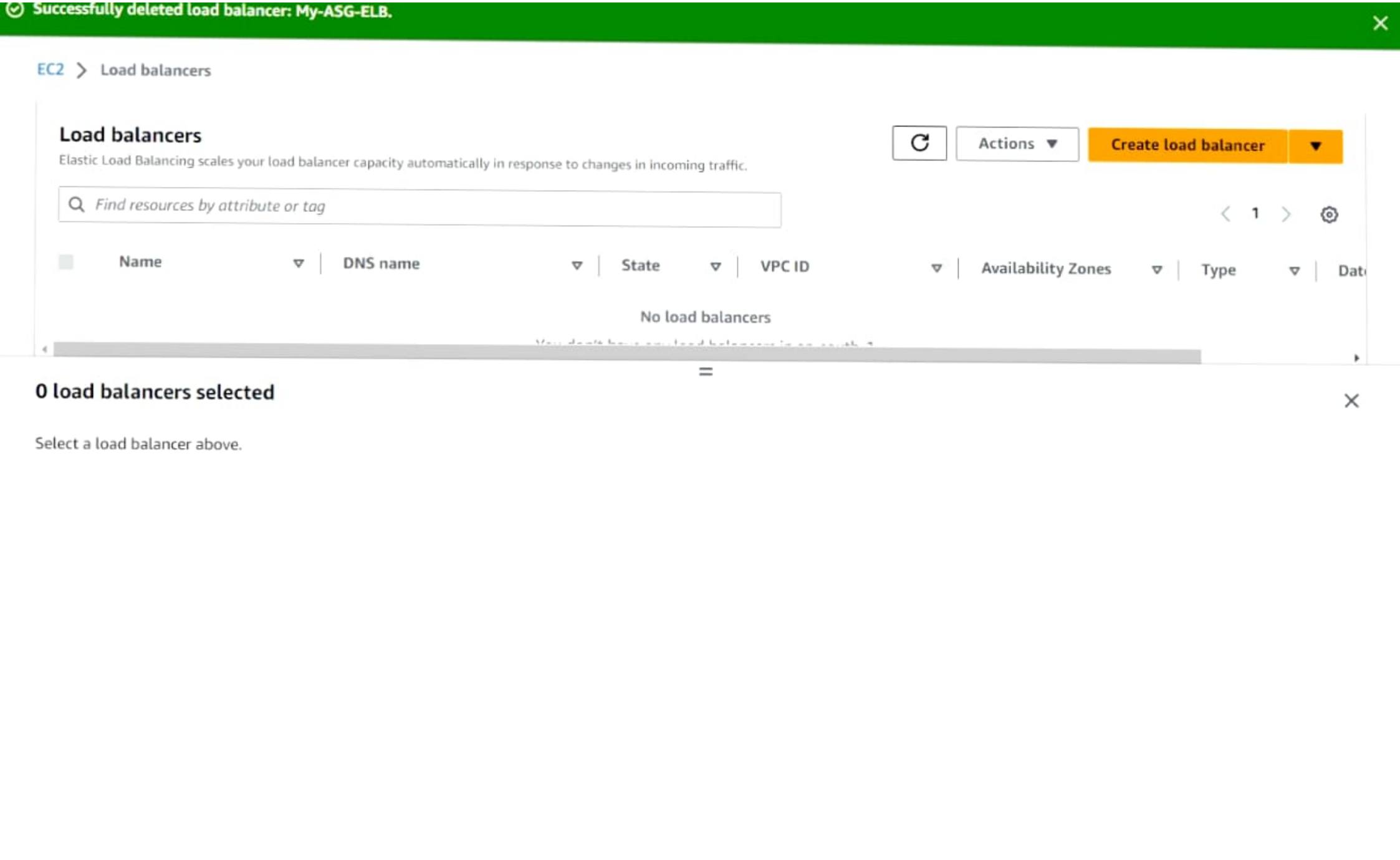
Delete load balancer **My-ASG-ELB** permanently? This action can't be undone.

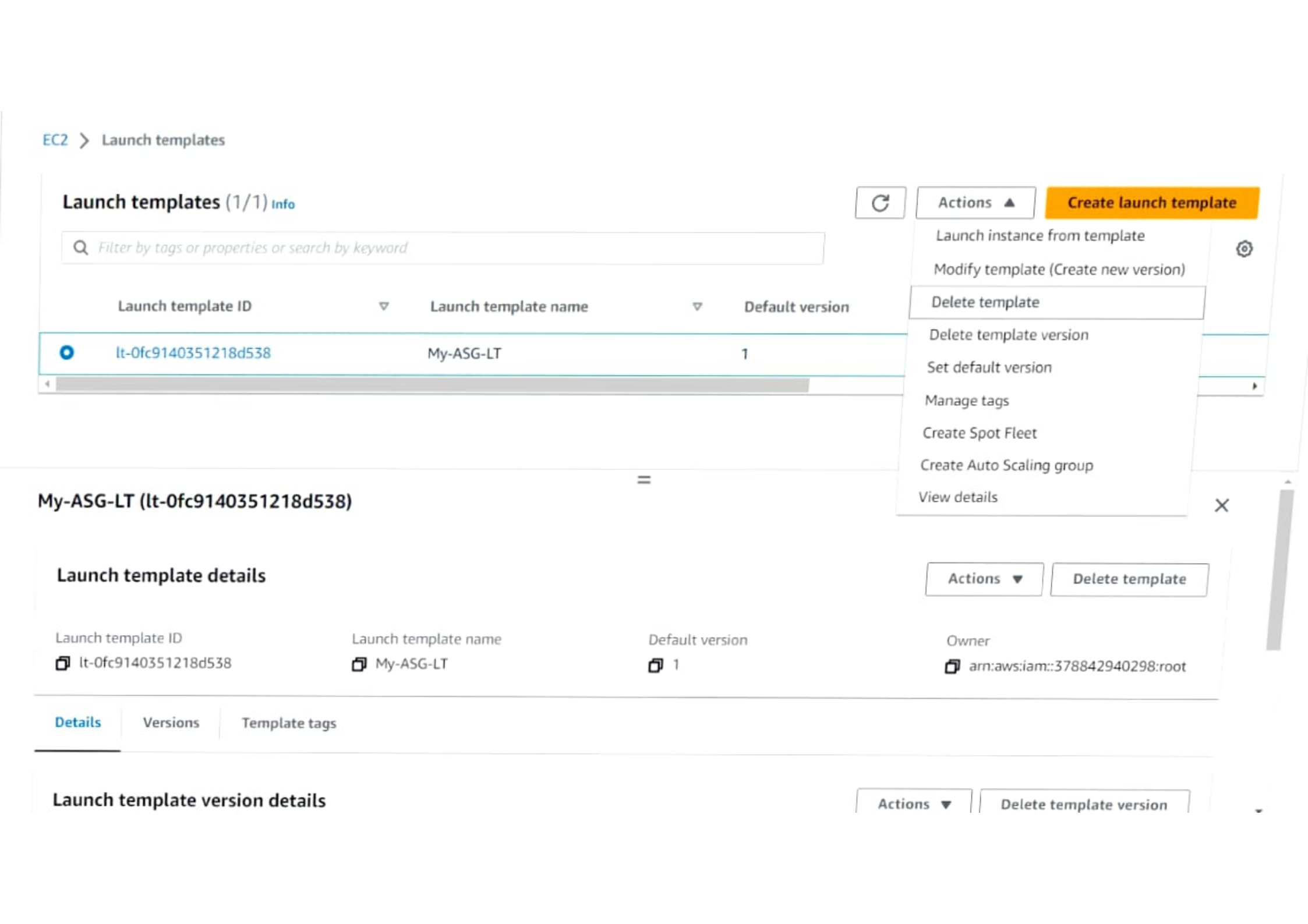
⚠ Proceeding with this action deletes the load balancer and its listeners. Target groups associated to this load balancer will become available for association to another load balancer and their registered targets remain unaffected.

To avoid accidental deletion we ask you to provide additional written consent.
Type **confirm** to agree.

confirm

Cancel | Delete


Successfully deleted load balancer: My-ASG-ELB.
EC2 > Load balancers
Load balancers
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.
Actions
Create load balancer
Find resources by attribute or tag
1
Name
DNS name
State
VPC ID
Availability Zones
Type
No load balancers
0 load balancers selected
Select a load balancer above.


EC2 > Launch templates
Launch templates (1/1) Info
Actions
Create launch template
Filter by tags or properties or search by keyword
Launch template ID
Launch template name
Default version
lt-0fc9140351218d538
My-ASG-LT
1
Launch instance from template
Modify template (Create new version)
Delete template
Delete template version
Set default version
Manage tags
Create Spot Fleet
Create Auto Scaling group
View details
My-ASG-LT (lt-0fc9140351218d538)
Launch template details
Actions
Delete template
Launch template ID
lt-0fc9140351218d538
Launch template name
My-ASG-LT
Default version
1
Owner
arn:aws:iam::378842940298:root
Details
Versions
Template tags
Launch template version details
Actions
Delete template version

Delete My-ASG-LT

You cannot undo this action. Any Auto Scaling groups or Spot fleet requests currently using this launch template may be affected.

Are you sure you want to delete My-ASG-LT (lt-0fc9140351218d538) and all its versions?

To confirm deletion, type *Delete* in the field

delete

▶ CLI commands

Cancel Delete

Resources

EC2 Global view

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances (running)	0	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	0	Instances	6	Key pairs	1
Load balancers	0	Placement groups	0	Security groups	4
Snapshots	0	Volumes	0		

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vpc-08343132748a052f6

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Asia Pacific (Mumbai)

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