

Create Auto Scaling group | EC2

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

aws

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Ankit Singh

EC2

Auto Scaling groups

Create Auto Scaling group

Choose launch template

Step 2

Choose instance launch options

Step 3 - optional

Integrate with other services

Step 4 - optional

Configure group size and scaling

Step 5 - optional

Add notifications

Step 6 - optional

Add tags

Step 7

Review

Integrate with other services - optional Info

Use a load balancer to distribute network traffic across multiple servers. Enable service-to-service communications with VPC Lattice. Shift resources away from impaired Availability Zones with zonal shift. You can also customize health check replacements and monitoring.

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.

VPC Lattice integration options Info

To improve networking capabilities and scalability, integrate your Auto Scaling group with VPC Lattice. VPC Lattice facilitates communications between AWS services and helps you connect and manage your applications across compute services in AWS.

Select VPC Lattice service to attach

☒ No VPC Lattice service
VPC Lattice will not manage your Auto Scaling group's network access and connectivity with other services.

☐ Attach to VPC Lattice service
Incoming requests associated with specified VPC Lattice target groups will be routed to your Auto Scaling group.

Create new VPC Lattice service

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Health checks increase availability by replacing unhealthy instances. When you use multiple health checks, all are evaluated, and if at least one fails, instance replacement occurs.

EC2 health checks

[Always enabled](#)

Additional health check types - optional

☐ Turn on Elastic Load Balancing health checks

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.

☐ Turn on VPC Lattice health checks

VPC Lattice can monitor whether instances are available to handle requests. If it considers a target as failed a health check, EC2 Auto Scaling replaces it after its next periodic check.

☐ Turn on Amazon EBS health checks

EBS monitors whether an instance's root volume or attached volume stalls. When it reports an unhealthy volume, EC2 Auto Scaling can replace the instance on its next periodic health check.

Health check grace period

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.

300

seconds

Cancel

Skip to review

Previous

Next

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Configure group size and scaling

Step 5 - optional

Add notifications

Step 6 - optional

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Step 7

Review

Desired capacity type

Choose the unit of measurement for the desired capacity value. vCPUs and Memory(GiB) are only supported for mixed instances groups configured with a set of instance attributes.

Units (number of instances)

Desired capacity

Specify your group size.

3

Scaling

Info

You can resize your Auto Scaling group manually or automatically to meet changes in demand.

Scaling limits

Set limits on how much your desired capacity can be increased or decreased.

Min desired capacity

Max desired capacity

1

10

Equal or less than desired capacity

Equal or greater than desired capacity

Automatic scaling - optional

Choose whether to use a target tracking policy

Info

You can set up other metric-based scaling policies and scheduled scaling after creating your Auto Scaling group.

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EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1

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Step 2

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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

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EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1

Choose launch template

Step 2

Choose instance launch options

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Integrate with other services

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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 (0)

Add tag

50 remaining

Cancel

Previous

Next

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Review

Step 1: Choose launch template

Edit

Group details

Auto Scaling group name

mygroup

Launch template

mytemplate

lt-03106038eb7f78dce

Version

Default

Description

using instance

Step 2: Choose instance launch options

Edit

Network

VPC

vpc-0adb293e6f07b3d12

Availability Zones and subnets

Availability Zone	Subnet	Subnet CIDR range
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EC2 > Auto Scaling groups > Create Auto Scaling group

Preference
Default

Capacity Reservation IDs
-

Resource Groups
-

Step 5: Add notifications

Edit

Notifications

No notifications

Step 6: Add tags

Edit

Tags (0)

Key	Value	Tag new instances
No tags		

Preview code

Cancel

Previous

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EC2 > Instances

EC2

Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Instances (1/6) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	showing autos...	i-0a91c34e3383d4cb1	Running	t3.micro	3/3 checks passed	View alarms +
<input type="checkbox"/>		i-00b798449d4c3ef71	Running	t3.micro	Initializing	View alarms +
<input type="checkbox"/>	instance1	i-01c09bae32d7d6181	Terminated	t3.micro	-	View alarms +

i-0a91c34e3383d4cb1 (showing autoscaling)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance summary Info

Instance ID

i-0a91c34e3383d4cb1

Public IPv4 address

13.233.192.187 | open address

Private IPv4 addresses

172.31.3.4

IPv6 address

-

Instance state

Running

Public DNS

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Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Launch Templates (1/1) Info

Search

Launch Template ID

Launch Template Name

Default Version

Latest Version

Create Time

lt-03106038eb7f78dce

mytempeplate

1

1

2025-07-15T11:...

mytempeplate (lt-03106038eb7f78dce)

Launch template details

Launch template ID

Launch template name

Default version

Owner

lt-03106038eb7f78dce

mytempeplate

1

arn:aws:iam::82823376831:root

Details

Versions

Template tags

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EC2 > Auto Scaling groups

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

CloudShell

Feedback

Auto Scaling groups (1/1) Info

Last updated 10 minutes ago

Launch configurations

Launch templates

Actions

Create Auto Scaling group

Search your Auto Scaling groups

< 1 >

<input checked="" type="checkbox"/>	Name	Launch template/configuration	Instances	Status	Desi
<input checked="" type="checkbox"/>	mygroup	mytempe Version Default	3	-	3

Auto Scaling group: mygroup

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