

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Create Auto Scaling group | EC2 | us-east-1

100days/s3 .pdf at main · Jeevanniel2485/100days

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2

>

Auto Scaling groups

>

Create Auto Scaling group

VPC

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

vpc-055e39d5af914ac0a

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

us-east-1a | subnet-07e6585c803e21caa

172.31.32.0/20

Default

us-east-1b | subnet-0b55b995b791e4396

172.31.0.0/20

Default

Create a subnet

Availability Zone distribution - new

Auto Scaling automatically balances instances across Availability Zones. If launch failures occur in a zone, select a strategy.

☒ Balanced best effort

If launches fail in one Availability Zone, Auto Scaling will attempt to launch in another healthy Availability Zone.

☐ Balanced only

If launches fail in one Availability Zone, Auto Scaling will continue to attempt to launch in the unhealthy Availability Zone to preserve balanced distribution.

Cancel

Skip to review

Previous

Next

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Create Auto Scaling group | EC2 | us-east-1

100days-Cloud-POC/POC_15.pdf at main · codesam2005/100days-Cloud-POC

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1

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

Create Auto Scaling group

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

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

Specify the details of your launch template below. Leaving a field blank will result in the field not being included in the launch template.

▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search our full catalog including 1000s of application and OS images

Recents Quick Start

Don't include in launch template

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

Free tier eligible

ami-05b10e08d247fb927 (64-bit (x86), uefi-preferred) / ami-0f37c4a1ba152af46 (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Description

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.

▼ Summary

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...[read more](#)
ami-05b10e08d247fb927

Virtual server type (instance type)

t2.micro

Firewall (security group)

-

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet

Cancel

Create launch template

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Create launch template | EC2 | us-east-1

100days/s3 .pdf at main · Jeevanniel2485/100days

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2 > Launch templates > Create launch template

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Windows base pricing: 0.0162 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour

On-Demand SUSE base pricing: 0.0116 USD per Hour

On-Demand RHEL base pricing: 0.026 USD per Hour

On-Demand Linux base pricing: 0.0116 USD per Hour

Free tier eligible

☐ All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

▼ 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

Create launch template

Don't include in launch template

Create new key pair

▼ Network settings [Info](#)

▼ Summary

Software Image (AMI)

Amazon Linux 2023 AMI 2023.6.2...[read more](#)

ami-05b10e08d247fb927

Virtual server type (instance type)

t2.micro

Firewall (security group)

-

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet

Cancel

Create launch template

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Create Auto Scaling group | EC2 | us-east-1

100days/s3 .pdf at main · Jeevanniel2485/100days

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2

Auto Scaling groups

Create Auto Scaling group

Step 1

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

Choose launch template

Info

Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group.

Name

Auto Scaling group name

Enter a name to identify the group.

helloworld

Must be unique to this account in the current Region and no more than 255 characters.

Create Auto Scaling group

Launch template

Info

For accounts created after May 31, 2023, the EC2 console only supports creating Auto Scaling groups with launch templates. Creating Auto Scaling groups with launch configurations is not recommended but still available via the CLI and API until December 31, 2023.

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.

mytemplate

Create a launch template

Version

Default (1)

Create a launch template version

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Create Auto Scaling group | EC2 | us-east-1

100days-Cloud-POC/POC_15.pdf at main · codesam2005/100days-Cloud-POC

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2

>

Auto Scaling groups

>

Create Auto Scaling group

Step 1

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

Add tags - optional

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

Create Auto Scaling group

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Auto Scaling group details | EC2 | us-east-1

100days-Cloud-POC/POC_15.pdf at main · codesam2005/100days-Cloud-POC

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2 > Auto Scaling groups > helloworld

helloworld

helloworld Capacity overview

Edit

arn:aws:autoscaling:us-east-1:211125537752:autoScalingGroup:a8538573-a2c2-48b9-9832-844b1957419e:autoScalingGroupName/helloworld

Desired capacity	Scaling limits (Min - Max)	Desired capacity type	Status
1	1 - 1	Units (number of instances)	Updating capacity

Date created

Mon Mar 03 2025 22:31:30 GMT+0530 (India Standard Time)

Details

Integrations - new

Automatic scaling

Instance management

Instance refresh

Activity

Monitoring

Launch template

Edit

Launch template	AMI ID	Instance type	Owner
lt-07b35058e9f893258 mytemplate	ami-09b70c002e7fb927	t2.micro	arn:aws:iam::211125537752:root
Version	Security groups	Security group IDs	Create time
Default	-	sg-0635ac53f3aa1ed0a	Mon Mar 03 2025 22:25:40 GMT+0530 (India Standard Time)
Description	Storage (volumes)	Key pair name	Request Spot Instances
a template for demo	-	helo	No

CloudShellFeedback

© 2025, Amazon Web Services, Inc. or its affiliates. PrivacyTermsCookie preferences

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Console Home | Console Home | us-east-1

100days/s3 .pdf at main · Jeevanniel2485/100days

aws

launch templates

United States (N. Virginia)

AkashPremnath

Console

Recent

EC2

Cloud

Billing

Elastic

S3

EC2

VPC

IAM

Welcome

Features

Launch templates

Distribution Settings

Portfolios

Launch configurations

Services

Launch Wizard

CloudFormation

EC2 feature

EC2 Image Builder feature

Service Catalog feature

EC2 feature

Guided deployment for Enterprise applications and complex workloads

Create and Manage Resources with Templates

Show more

Show more

out

Add widgets

Create application

1

Origin

on.

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences

us-east-1.console.aws.amazon.com

Connect to instance | EC2 | us-east-1

Auto Scaling groups | EC2 | us-east-1

100days/s3 .pdf at main · Jeevanniel2485/100days

aws

Search

[Option+S]

United States (N. Virginia)

AkashPremnath

EC2 > Auto Scaling groups

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

Trust Stores

▼ Auto Scaling

Auto Scaling Groups

Settings

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.

CloudShell

Feedback

© 2025, Amazon Web Services, Inc. or its affiliates.

Privacy

Terms

Cookie preferences