

Configure and connect a MySQL Database Instance with a Web Server

Step1: Launching an Amazon EC2 instance (VM) which will mimic the web server.

Specifications:

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

▼ Network settings [Info](#)

VPC - *required* [Info](#)

vpc-02f9184905deabde5 (default) [Refresh](#)

172.31.0.0/16

Subnet [Info](#)

subnet-0f06f2353a53b66ff [Refresh](#) [Create new subnet](#)

VPC: vpc-02f9184905deabde5 Owner: 133246519386

Availability Zone: us-east-1a IP addresses available: 4091 CIDR: 172.31.32.0/20

Auto-assign public IP [Info](#)

Enable

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.

[Create security group](#) ☐ Select existing security group

Security group name - *required*

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and .-:/()#,@[]+=&{}!\$*

Description - *required* [Info](#)

launch-wizard-1 created 2023-03-30T11:41:47.812Z

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0) [Remove](#)

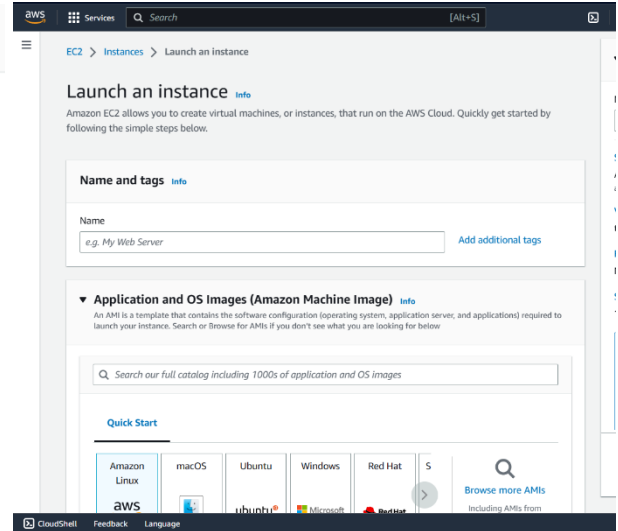
Type Info	Protocol Info	Port range Info
ssh	TCP	22

Source type Info	Source Info	Description - optional Info
Custom	Add CIDR, prefix list or security 0.0.0.0/0 X	e.g. SSH for admin desktop

▼ Security group rule 2 (TCP, 80, 0.0.0.0/0) [Remove](#)

Type Info	Protocol Info	Port range Info
HTTP	TCP	80

Source type Info	Source Info	Description - optional Info
Custom	Add CIDR, prefix list or security	e.g. SSH for admin desktop



Network Settings:

Auto-Assign-IP is **enabled**

Subnet: us-east-1a

Inbound Rules:

SSH

HTTP

HTTPS

Storage type:

EBS volume: 8gib gp2

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services', a search bar, and user information. The main content area is titled 'Launch an instance' and shows a 'Success' message: 'Successfully initiated launch of instance (i-0a21b3a6a4c16df10)'. Below this, a 'Launch log' section lists several steps that all 'Succeeded': 'Initializing requests', 'Creating security groups', 'Creating security group rules', and 'Launch initiation'. A 'Next Steps' section follows, with a search bar and four cards: 'Create billing and free tier usage alerts', 'Connect to your instance', 'Connect an RDS database', and 'Create EBS snapshot policy'. Each card has a brief description and a 'Learn more' link. The bottom of the console shows a footer with 'CloudShell', 'Feedback', 'Language', and copyright information.

The screenshot shows the AWS Management Console interface with the 'Instances' page selected. The left sidebar contains a navigation menu with options like 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', and 'Instances'. The main content area is titled 'Instances (1/1) Info' and shows a table with one instance: 'WebServer_Project2' with ID 'i-0a21b3a6a4c16df10', state 'Running', type 't2.micro', and availability zone 'us-east-1a'. Below the table, the 'Instance: i-0a21b3a6a4c16df10 (WebServer_Project2)' details are shown, including 'Security details' (IAM Role, Owner ID, Launch time, Security groups), 'Networking', 'Storage', 'Status checks', 'Monitoring', and 'Tags'. The 'Security groups' section shows 'sg-06a5a7f144fd558d5 (launch-wizard-1)'.

After the successful launch of VM. Note down its Security Group:

sg-06a5a7f144fd558d5 (launch-wizard-1)

Step2:

Launching the RDS, MySQL server instance with t2.micro instance type.

Selected Free-tier.

And MySQL version 8.0.28

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Services

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Choose a database creation method [Info](#)


☒ Standard create
You set all of the configuration options, including ones for availability, security, backups, and maintenance.


☐ Easy create
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.


Engine options


Engine type [Info](#)


☐ Aurora (MySQL Compatible)


☐ Aurora (PostgreSQL Compatible)


☒ MySQL


☐ MariaDB


☐ PostgreSQL


☐ Oracle


Settings

DB instance identifier [Info](#)
Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.



The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

▼ Credentials Settings

Master username [Info](#)
Type a login ID for the master user of your DB instance.

1 to 16 alphanumeric characters. First character must be a letter.

☐ Manage master credentials in AWS Secrets Manager
Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.

 If you manage the master user credentials in Secrets Manager, some RDS features aren't supported.
[Learn more](#) 

☐ Auto generate a password
Amazon RDS can generate a password for you, or you can specify your own password.

Master password [Info](#)

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), ' (single quote), " (double quote) and @ (at sign).

Confirm master password [Info](#)

Instance Configuration: t2.micro

Storage

Storage type [Info](#)

General Purpose SSD (gp2)

Baseline performance determined by volume size

Allocated storage [Info](#)

10

GiB

The minimum value is 20 GiB and the maximum value is 6,144 GiB

Storage autoscaling [Info](#)

Provides dynamic scaling support for your database's storage based on your application's needs.

☒ Enable storage autoscaling

Enabling this feature will allow the storage to increase after the specified threshold is exceeded.

Maximum storage threshold [Info](#)

Charges will apply when your database autoscales to the specified threshold

500

GiB

The minimum value is 22 GiB and the maximum value is 6,144 GiB

Connectivity [Info](#)

Compute resource

Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.



Don't connect to an EC2 compute resource

Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.



Connect to an EC2 compute resource

Set up a connection to an EC2 compute resource for this database.

Network type [Info](#)

To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.



IPv4

Your resources can communicate only over the IPv4 addressing protocol.



Dual-stack mode

Your resources can communicate over IPv4, IPv6, or both.

Virtual private cloud (VPC) [Info](#)

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

Default VPC (vpc-02f9184905deabde5)



Only VPCs with a corresponding DB subnet group are listed.



After a database is created, you can't change its VPC.

DB subnet group [Info](#)

Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.

default



Public access [Info](#)

- ☐ **Yes**
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.
- ☒ **No**
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.

VPC security group (firewall) [Info](#)

Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.

☒ **Choose existing**
Choose existing VPC security groups

☐ **Create new**
Create new VPC security group

Existing VPC security groups

Choose one or more options ▼

launch-wizard-1 ✕

Availability Zone [Info](#)

us-east-1a ▼

RDS Proxy

RDS Proxy is a fully managed, highly available database proxy that improves application scalability, resiliency, and security.

- ☐ **Create an RDS Proxy** [Info](#)
RDS automatically creates an IAM role and a Secrets Manager secret for the proxy. RDS Proxy has additional costs. For more information, see [Amazon RDS Proxy pricing](#).

Certificate authority - optional [Info](#)

Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.

rds-ca-2019 (default) ▼

If you don't select a certificate authority, RDS chooses one for you.

The screenshot shows the AWS Management Console interface for an Amazon RDS instance. The left sidebar contains navigation links for Amazon RDS, including Dashboard, Databases, Query Editor, Performance insights, Snapshots, Exports in Amazon S3, Automated backups, Reserved instances, Proxies, Subnet groups, Parameter groups, Option groups, Custom engine versions, Events, Event subscriptions, Recommendations (0), and Certificate update. The main content area displays the details for the instance 'mysqlldbforwebserver'.

Summary

DB identifier	CPU	Status	Class
mysqlldbforwebserver	12.46%	Backing-up	db.t2.micro
Role	Current activity	Engine	Region & AZ
Instance	0 Connections	MySQL Community	us-east-1a

Connectivity & security

Endpoint & port	Networking	Security
Endpoint mysqlldbforwebserver.c7zs19nunhm y.us-east-1.rds.amazonaws.com	Availability Zone us-east-1a	VPC security groups launch-wizard-1 (sg-06a5a7f144fd558d5)
Port 3306	VPC vpc-02f9184905deabde5	Active
	Subnet group default-vpc-02f9184905deabde5	Publicly accessible No
		Certificate authority Info

Endpoint: It is required to connect the VM with the Database instance.

`mysqlldbforwebserver.c7zs19nunhmy.us-east-1.rds.amazonaws.com`

STEP-3:

Instance connect:

The screenshot shows the 'Connect to instance' dialog box in the AWS Management Console. The dialog box is titled 'Connect to instance' and provides options to connect to the instance 'i-0a21b3a6a4c16df10' (WebServer_Project2).

Connect to instance [Info](#)

Connect to your instance i-0a21b3a6a4c16df10 (WebServer_Project2) using any of these options

EC2 Instance Connect | Session Manager | SSH client | EC2 serial console

Instance ID
[i-0a21b3a6a4c16df10](#) (WebServer_Project2)

Public IP address
[3.80.178.229](#)

User name
Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.

Note: In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

[Cancel](#) [Connect](#)

Editing the inbound rule of the RDS.

Edit inbound rules [Info](#)

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
sg-02697031fa3682dc8	SSH	TCP	22	Custom <input type="text" value="0.0.0.0"/>		Delete
sg-0e238ef465dd3289a	HTTPS	TCP	443	Custom <input type="text" value="0.0.0.0"/>		Delete
sg-0885b4cfe44b9f81a	HTTP	TCP	80	Custom <input type="text" value="0.0.0.0"/>		Delete
-	MySQL/Aurora	TCP	3306	Custom <input type="text" value="sg-06a5a7f144fd558d5"/>		Delete

After connecting to the instance, installing the MySQL on it.

```
sudo su
yum install mysql
```

When MySQL client is installed on the VM, we can easily connect the RDS and VM using the following command.

```
mysql -h mysqlbforwebserver.c7zs19nunhmy.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
```

```
[root@ip-172-31-47-197 ec2-user]# mysql -h mysqlbforwebserver.c7zs19nunhmy.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 22
Server version: 8.0.28 Source distribution

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]>
```

Requirements/Deliverables

You must use the following:

Create a Database Instance with the following specifications:

Database creation method: Standard Create

Engine: MySQL

Database Instance size: db.t2.micro

Create an EC2 Instance with the following specifications:

AMI: Amazon Linux

Region: Use only US East (N Virginia), us-east-1, and us-east-2

Instance types: t2.micro and t3.micro

Allowed EBS types: GP2 and Standard

- Make sure that the Availability Zone is similar throughout the instances and volumes
- Ensure that the server scales automatically and the traffic is optimally routed among the scaled servers

Adding the High-Availability to the webserver by leveraging the Auto Scaling Group (ASG) feature and handling-traffic using the Load Balancer.

ASG and Application Load Balancer

The screenshot shows the Amazon EC2 Auto Scaling console. The header includes the AWS logo, a search bar, and navigation links for Services, Search, and [Alt+S]. The main content area features a large heading "Amazon EC2 Auto Scaling helps maintain the availability of your applications" with a subheading "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." To the right, there is a "Create Auto Scaling group" button. Below the main heading, there is a "How it works" section with a diagram showing an "Auto Scaling group" containing four instances. The diagram indicates "Minimum size" and "Scale out as needed" with arrows. To the right of the diagram, there is a "Pricing" section stating "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." Below the pricing section, there is a "Getting started" link. The footer includes links for CloudShell, Feedback, Language, and a copyright notice for 2023, Amazon Web Services, Inc. or its affiliates. There are also links for Privacy, Terms, and Cookie preferences.

The screenshot shows the AWS Management Console interface. On the left, there's a navigation menu with options like 'EC2 Dashboard', 'Instances', 'Images', and 'Elastic Block Store'. The main area displays a list of instances, with 'WebServer_Project2' (ID: i-0a21b3a6a4c16df10) selected. The instance is in a 'Running' state. The 'Actions' menu is open, and the 'Create template from instance' option is highlighted. A red box highlights the 'Create image', 'Create template from instance', and 'Launch more like this' options. Below the instance list, the details for 'Instance: i-0a21b3a6a4c16df10 (WebServer_Project2)' are shown, including its public IP address, instance type (t2.micro), and VPC ID. A text box at the bottom right says 'Creating a new Launch Template'.

The screenshot shows the 'Create launch template' page in the AWS Management Console. The page is titled 'Create launch template' and includes a 'Summary' section on the right. The 'Launch template name and description' section is visible, showing the source instance 'i-0a21b3a6a4c16df10' and the launch template name 'webserverLaunchTemplate'. The 'Summary' section lists the software image (Amazon Linux 2 Kernel 5.10), virtual server type (t2.micro), firewall (launch-wizard-1), and storage (1 volume(s) - 8 GiB). A 'Free tier' notification is also present, stating: '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 I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.' The 'Create launch template' button is highlighted in orange.

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Network settings

Subnet Info

subnet-0f06f2353a53b66ff

VPC: vpc-02f9184905deabde5 Owner: 133246519386 Availability Zone: us-east-1a

IP addresses available: 4089 CIDR: 172.31.32.0/20

Create new subnet

Firewall (security groups)

Select existing security group

Create security group

Common security groups

Select security groups

launch-wizard-1 sg-06a5a7f144fd558d5

VPC: vpc-02f9184905deabde5

Compare security group rules

Security groups that you add or remove here will be added to or removed from all your network interfaces.

Advanced network configuration

Network interface 1

Device index

0

Network interface

New interface

Description

Subnet

subnet-0f06f2353a53b66ff

IP addresses available: 4089

Security groups

Select security groups

Auto-assign public IP

Enable

Show all selected (1)

Summary

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-04581fbf744a7d11f

Virtual server type (instance type)

t2.micro

Firewall (security group)

launch-wizard-1

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

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EC2 > Launch templates > Create template from instance

Success

Successfully created **webserverLaunchTemplate (lt-0475c266947e0f104)**

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

View launch templates

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Creating the ASG using the created Template.

The screenshot shows the AWS Management Console interface for creating an Auto Scaling Group. The left sidebar contains a navigation menu with steps: 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, and Step 7: Review. The main content area is titled 'Choose launch template or configuration' with an 'Info' icon. Below the title is a description: 'Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.' The 'Name' section has a text input field with the value 'ASGforwebserver-Project2' and a note: 'Must be unique to this account in the current Region and no more than 255 characters.' The 'Launch template' section has a dropdown menu with 'webserverLaunchTemplate' selected and a 'Switch to launch configuration' link. Below this is a 'Version' section with a dropdown menu showing 'Default (1)' and a 'Create a launch template version' link. The 'Description' section shows 'Launch template: webserverLaunchTemplate' and 'Instance type: t2.micro'.

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

Choose launch template or configuration [Info](#)

Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.

Name

Auto Scaling group name
Enter a name to identify the group.

ASGforwebserver-Project2

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

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.

webserverLaunchTemplate

[Create a launch template](#)

Version
Default (1)

[Create a launch template version](#)

Description
-

Launch template
webserverLaunchTemplate
lt-0475c266947e0f104

Instance type
t2.micro

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The screenshot shows the AWS Management Console interface for 'Choose instance launch options'. The left sidebar contains a navigation menu with steps: 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, and Step 7: Review. The main content area is titled 'Choose instance launch options' with an 'Info' icon. Below the title is a description: '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.' The 'VPC' section has a dropdown menu with 'vpc-02f9184905deabde5' selected and a 'Create a VPC' link. The 'Availability Zones and subnets' section has a dropdown menu with 'Select Availability Zones and subnets' selected and a 'Create a subnet' link. Below this is a list of subnets: 'us-east-1a | subnet-0f06f2353a53b66ff', 'us-east-1b | subnet-057ccabed40ae907c', 'us-east-1c | subnet-0923b364daeb93c6d', 'us-east-1d | subnet-08a2ca7428fce46db', 'us-east-1e | subnet-05fb0f77cbeeb804d', and 'us-east-1f | subnet-0b53299963179ef2b'. A text box with the text 'Adding all the AZs for high availability.' is overlaid on the right side of the page.

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](#)

Choose instance launch options [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-02f9184905deabde5

[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

[Create a subnet](#)

us-east-1a | subnet-0f06f2353a53b66ff
172.31.32.0/20 Default

us-east-1b | subnet-057ccabed40ae907c
172.31.0.0/20 Default

us-east-1c | subnet-0923b364daeb93c6d
172.31.80.0/20 Default

us-east-1d | subnet-08a2ca7428fce46db
172.31.16.0/20 Default

us-east-1e | subnet-05fb0f77cbeeb804d
172.31.48.0/20 Default

us-east-1f | subnet-0b53299963179ef2b
172.31.64.0/20 Default

Adding all the AZs for high availability.

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Creating the Internet facing Application Load Balancer(HTTP, HTTPS):

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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 advanced options - optional [Info](#)

Choose a load balancer to distribute incoming traffic for your application across instances to make it more reliable and easily scalable. You can also set options that give you more control over 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.

Attach to a new load balancer

Define a new load balancer to create for attachment to this Auto Scaling group.

Load balancer type

Choose from the load balancer types offered below. Type selection cannot be changed after the load balancer is created. If you need a different type of load balancer than those offered here, [visit the Load Balancing console](#).

☒ Application Load Balancer
HTTP, HTTPS

☐ Network Load Balancer
TCP, UDP, TLS

Load balancer name

Name cannot be changed after the load balancer is created.

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Language

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Listeners and routing

If you require secure listeners, or multiple listeners, you can configure them from the [Load Balancing console](#) after your load balancer is created.

Protocol

HTTP

Port

80

Default routing (forward to)

Create a target group

New target group name

An instance target group with default settings will be created.

ASGforwebserver-Project2-1

Tags - optional

Consider adding tags to your load balancer. Tags enable you to categorize your AWS resources so you can more easily manage them.

Add tag

50 remaining

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EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
Choose launch template or configuration

Configure group size and scaling policies - optional [Info](#)

ASG for high availability.

ASGforwebserver-Project2, 1 Load balancer, 1 Target group, 1 Listener created successfully. 1 new target group has been attached to ASG.

Auto Scaling groups (1)

Search your Auto Scaling groups

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	A.
ASGforwebserver-Project2	webserverLaunchTemplate Version Def: 2	-	-	2	1	10	us...

0 Auto Scaling groups selected

Load Balancer for traffic Management.

Load balancers (1)

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

Filter by property or value

Name	DNS name	State	VPC ID	Availability Zones	Type
ASGforwebserver-Project2-1	ASGforwebserver-Project2...	Active	vpc-02f9184905deabde5	6 Availability Zones	application

0 load balancers selected

Select a load balancer above.