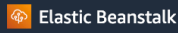aws | Services | Search for services, features, blogs, docs, and more [Option+S] | N. Virginia ▼ | voclabs/user1939637=dore.1994616@studenti.uniroma1.it @ 2882-... ▼

S3   CloudWatch   IAM   EC2   Elastic Beanstalk

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.

number-recognition-on-aws

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.

AutoScaling-lauch-template   ▼   ⟳

Create a launch template ↗

Version

Latest (1)   ▼   ⟳

Create a launch template version ↗

Description	Launch template	Instance type
AutoScaling-lauch-template	**AutoScaling-lauch-template** ↗	t2.micro

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

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-0f7253a5fea50c603 ▾ |
| 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-0a98adbece5ecb8b9   ✕ |
| 172.31.0.0/20   Default |

| us-east-1b | subnet-0bc5f72fcebf8ae00   ✕ |
| 172.31.80.0/20   Default |

| us-east-1c | subnet-0851bc684cb77e116   ✕ |
| 172.31.16.0/20   Default |

| us-east-1d | subnet-063e662ff3ac90e87   ✕ |
| 172.31.32.0/20   Default |

| us-east-1e | subnet-0d513011c27d3a81c   ✕ |
| 172.31.48.0/20   Default |

| us-east-1f | subnet-0da8c3b8042df468b   ✕ |
| 172.31.64.0/20   Default |

Create a subnet ↗

EC2 > Auto Scaling groups > Create Auto Scaling group

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 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 - *optional* 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

Feedback | Looking for language selection? Find it in the new Unified Settings

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Load balancer name

Name cannot be changed after the load balancer is created.

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Load balancer scheme

Scheme cannot be changed after the load balancer is created.

- ○ Internal
- ● Internet-facing

Network mapping

Your new load balancer will be created using the same VPC and Availability Zone selections as your Auto Scaling group. You can select different subnets and add subnets from additional Availability Zones.

VPC

vpc-0f7253a5fea50c603 ↗

Availability Zones and subnets

You must select a single subnet for each Availability Zone enabled. Only public subnets are available for selection to support DNS resolution.

☑ us-east-1d	subnet-063e662ff3ac90e87 ▼
☑ us-east-1b	subnet-0bc5f72fcebf8ae00 ▼
☑ us-east-1a	subnet-0a98adbece5ecb8b9 ▼
☑ us-east-1f	subnet-0da8c3b8042df468b ▼
☑ us-east-1e	subnet-0d513011c27d3a81c ▼
☑ us-east-1c	subnet-0851bc684cb77e116 ▼

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

5000

Default routing (forward to)

Create a target group ▼

New target group name

An instance target group with default settings will be created.

number-recognition-on-aws-1

EC2 > Auto Scaling groups > Create Auto Scaling group

Step 1
Choose launch template or configuration

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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 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

```
1
```

Minimum capacity

```
1
```

Maximum capacity

```
5
```

Scaling policies - *optional*

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

◉ Target tracking scaling policy   ○ None

Scaling policies - *optional*

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

● Target tracking scaling policy	○ None
Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.	

Scaling policy name

Target Tracking Policy

Metric type

Average CPU utilization ▼

Target value

30

Instances need

300 seconds warm up before including in metric

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

Instance scale-in protection - *optional*