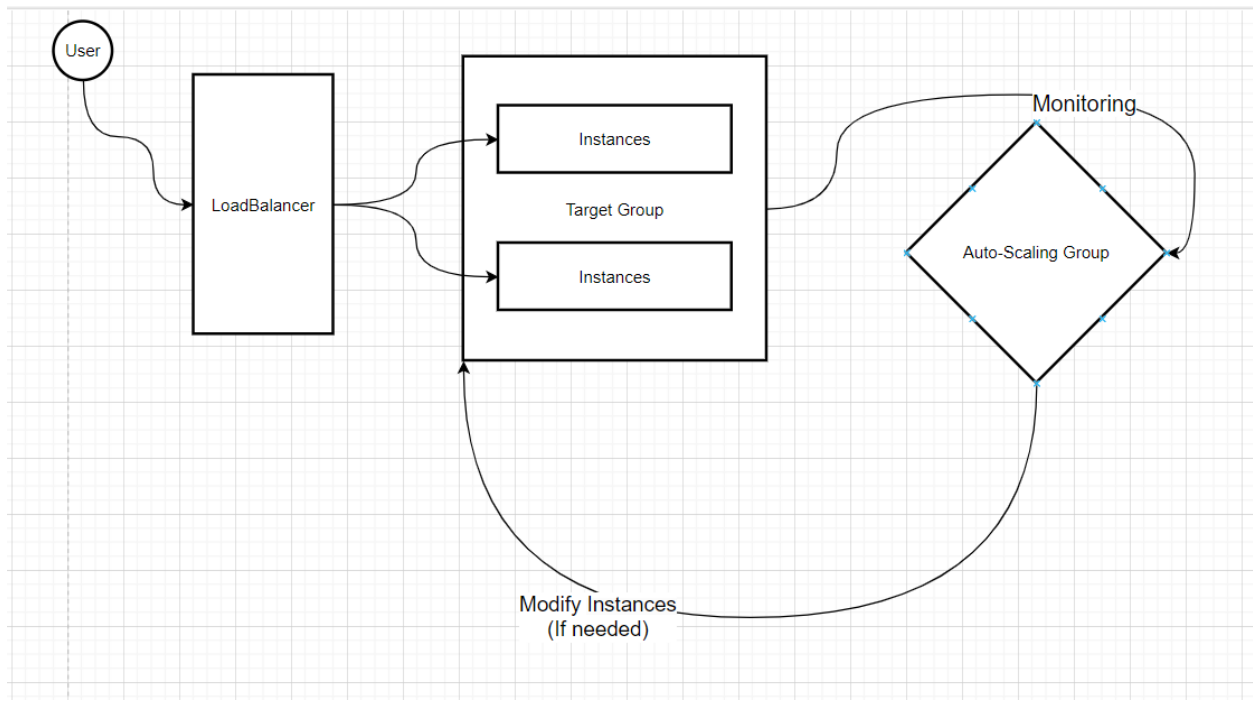


Scaling Policies

Instance maintenance policy				Edit
Replacement behavior	Min healthy percentage	Max healthy percentage		
Terminate and launch	50	100		

AMI ID: ami-05c3423803a206d89

Diagram



Scaling in Action

Instances (5) Info								
Last updated less than a minute ago								
Find Instance by attribute or tag (case-sensitive)								
All states								
Instance state = running X Clear filters								
< 1 > ⚙								
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>		i-0d12136ceb24bb1e3	Running	t3.micro	Initializing	View alarms +	eu-north-1a	ec2-51-
<input type="checkbox"/>	VM 1	i-0edab54e7ea289e62	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-
<input type="checkbox"/>		i-06f0c12b92bd6d4a6	Running	t3.micro	Initializing	View alarms +	eu-north-1b	ec2-13-

Instances (3) Info								
Last updated less than a minute ago								
Find Instance by attribute or tag (case-sensitive)								
All states								
Instance state = running X Clear filters								
< 1 > ⚙								
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>		i-0d12136ceb24bb1e3	Running	t3.micro	Initializing	View alarms +	eu-north-1a	ec2-51-
<input type="checkbox"/>	VM 1	i-0edab54e7ea289e62	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-
<input type="checkbox"/>		i-06f0c12b92bd6d4a6	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>		i-0d12136ceb24bb1e3	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1a	ec2-51-
<input checked="" type="checkbox"/>	VM 1	i-0edab54e7ea289e62	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-
<input type="checkbox"/>		i-06f0c12b92bd6d4a6	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1b	ec2-13-

Health Checks

EC2 health checks

Always enabled

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.

X

To avoid unexpected terminations, first verify the settings of these health checks in the [Load Balancer console](#)

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

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.

300

seconds

Screen Shots

Successfully created the target group: **group1**. Anomaly detection is automatically applied to all registered targets. Results can be viewed in the **Targets** tab.

EC2 > Target groups > group1

group1

Actions

Details

arn:aws:elasticloadbalancing:eu-north-1:058264085668:targetgroup/group1/5128313a333d65ce

Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-07c17529c38adca41
IP address type	Load balancer		
IPv4	None associated		

0

Total targets

0

Healthy

0

Unhealthy

0

Unused

0

Initial

0

Draining

0

Anomalous

EC2 > ... > Create launch template

Success

Successfully created [webserver-template1\(lt-0ee565f8c499cc1f1\)](#).

Actions log

Initializing requests

Succeeded

Creating security groups

Succeeded

Creating security group rules

Succeeded

Create Launch Template

Succeeded

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
<input type="checkbox"/>	AutoScaleGroup	webserver-template1 Version Default	2	-	2

Resources

EC2 Global View 



You are using the following Amazon EC2 resources in the Europe (Stockholm) Region:

Instances (running)	3	Auto Scaling Groups	1	Capacity Reservations	0
Dedicated Hosts	0	Elastic IPs	1	Instances	4
Key pairs	1	Load balancers	1	Placement groups	0
Security groups	5	Snapshots	1	Volumes	4

Desired capacity

Specify your group size.

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

Equal or less than desired capacity

Max 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.

☒ **No scaling policies**

Your Auto Scaling group will remain at its initial size and will not dynamically resize to meet demand.

☐ **Target tracking scaling policy**

Choose a CloudWatch metric and target value and let the scaling policy adjust the desired capacity in proportion to the metric's value.