

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#VpcDetails:VpcId=vpc-0c7e86c6fc5422266

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

VPC dashboard < AWS Global View Filter by VPC: Actions

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only Internet gateways DHCP option sets Elastic IPs Managed prefix lists NAT gateways Peering connections Route servers

Security Network ACLs Security groups

You successfully created **vpc-0c7e86c6fc5422266 / AUTOSCALING -VPC01**

## vpc-0c7e86c6fc5422266 / AUTOSCALING -VPC01

**Details** Info

VPC ID vpc-0c7e86c6fc5422266	State Available	Block Public Access Off	DNS hostnames Disabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-00901852855770813	Main route table rtb-01c1a24f6488ddb7b
Main network ACL acl-02bd5e948a69b8500	Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -
IPv6 CIDR (Network border group) -	Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 698547139150
Encryption control ID -	Encryption control mode -		

Resource map CIDRs Flow logs Tags Integrations

Resource map Info Show all details

VPC Subnets (0) Route tables (1)

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4 29°C Sunny ENG IN 14:30 10-02-2026

Create launch template | EC2 | [vpcs | VPC Console](#)

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

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Search results

Success Successfully created ubuntu-template(lt-0afd8e0643587b52e).

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](#)

Launch instance from template x vpcs | VPC Console x + ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstanceFromTemplate:launchTemplateId=lt-0afd8e0643587b52e

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EC2 > Launch templates > Launch instance from template

Success Successfully initiated launch of instance (i-0fc17810ac8735965)

▶ Launch log

## Next steps

**Get notified of estimated charges**

Create [billing alerts](#) to get an email notification when estimated charges on your AWS bill exceed an amount you define.

For example, you can create a billing alert for when you exceed the free usage tier.

**Connect to your instance**

Your instance is launching. It might take a few minutes for it to reach the running state and to become ready for use. To monitor the instance's state, choose [View all instances](#). When the instances reach the running state, you can [connect to them](#) from the Instances screen.

[View launch templates](#)

Instances | EC2 | ap-south-1 x vpcs | VPC Console x + ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

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EC2 Instances

EC2 Successfully initiated stopping of i-Ofc17810ac8735965

Last updated less than a minute ago Connect Instance state Actions Launch instances

Instances (1/1) Info Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
vertical -01	i-Ofc17810ac8735965	Stopping	t3.micro	3/3 checks passed	View alarms	ap-south-1a	-

i-Ofc17810ac8735965 (vertical -01)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID i-Ofc17810ac8735965	Public IPv4 address -	Private IPv4 addresses 10.0.1.175
IPv6 address -	Instance state Stopping	Public DNS -
Hostname type	Private IP DNS name (IPv4 only)	

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Change instance type | EC2 | ap-south-1 | vpcs | VPC Console

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ChangeInstanceType:instanceId=i-0fc17810ac8735965

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EC2 Instances > i-0fc17810ac8735965 > Change instance type

Successfully initiated stopping of i-0fc17810ac8735965

## Change instance type Info | Get advice

You can change the instance type only if the current instance type and the instance type that you want are compatible.

**Instance ID**  
i-0fc17810ac8735965 (vertical -01)

**Current instance type**  
t3.micro

**New instance type**  
 Only free plan eligible instance types with x86 (32-bit) / (64-bit) architecture can be chosen.  
 EBS-optimized  
EBS-optimized is enabled by default for this instance type

**Instance type comparison**

Attribute	t3.micro
On-Demand Linux pricing	0.0112 USD per Hour
On-Demand Windows pricing	0.0204 USD per Hour

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Instances | EC2 | ap-south-1 x vpcs | VPC Console x + ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:

aws Search [Alt+S] Ask Amazon Q

Last updated 1 minute ago Connect Instance state Actions Launch instances

EC2 Instances

Instances (1/1) Info Find Instance by attribute or tag (case-sensitive) All states

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone Public IPv4

vertical -01 i-0fc17810ac8735965 Running t3.small Initializing View alarms ap-south-1a

i-0fc17810ac8735965 (vertical -01)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0fc17810ac8735965	-	10.0.1.175

IPv6 address Instance state Public DNS

- Running -

Hostname type Private IP DNS name (IPv4 only)

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Launch an instance | EC2 | ap-south-1 | vpcs | VPC Console

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

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EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-08656741ea0c5d543)

▶ Launch log

### Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

#### Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

[Create billing alerts ↗](#)

#### Connect to your instance

Once your instance is running, log into it from your local computer.

[Connect to instance ↗](#)

[Learn more ↗](#)

#### Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

[Connect an RDS database ↗](#)

[Create a new RDS database ↗](#)

[Learn more ↗](#)

#### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

[Create EBS snapshot policy ↗](#)

#### Manage detailed monitoring

#### Create Load Balancer

#### Create AWS budget

#### Manage CloudWatch alarms

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15.206.81.206 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2. 15.206.81.206 (ubuntu)

X11-forwarding : ✓ (remote display is forwarded through SSH)  
For more info, ctrl+click on help or visit our website.

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1018-aws x86\_64)

\* Documentation: <https://help.ubuntu.com>  
\* Management: <https://landscape.canonical.com>  
\* Support: <https://ubuntu.com/pro>

System information as of Tue Feb 10 09:46:52 UTC 2026

System load: 0.14	Temperature: -273.1 C
Usage of /: 25.9% of 6.71GB	Processes: 121
Memory usage: 26%	Users logged in: 0
Swap usage: 0%	IPv4 address for ens5: 10.0.1.218

Expanded Security Maintenance for Applications is not enabled.  
0 updates can be applied immediately.  
Enable ESM Apps to receive additional future security updates.  
See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old.  
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

ubuntu@ip-10-0-1-218:~\$

Remote monitoring Follow terminal folder

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8 30°C Sunny

Search

ENG IN

15:16 10-02-2026

Create Image | EC2 | ap-south-1 x vpcs | VPC Console x | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateImage:instanceId=i-08656741ea0c5d543

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EC2 Instances i-08656741ea0c5d543 Create image

## Create image Info

An image (also referred to as an AMI) defines the programs and settings that are applied when you launch an EC2 instance. You can create an image from the configuration of an existing instance.

### Image details

Instance ID  i-08656741ea0c5d543 (imagec2)

Image name   
Enter image name  
Maximum 127 characters. Can't be modified after creation.

Image description - optional   
Image description  
Maximum 255 characters

Reboot instance  
When selected, Amazon EC2 reboots the instance so that data is at rest when snapshots of the attached volumes are taken. This ensures data consistency.

### Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
EBS	/dev/...	Create new snapshot fro...	8	EBS General Purpose SS...	3000	<input checked="" type="checkbox"/> Enable	<input type="checkbox"/> Enable	

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Quick connect...

2. 15.206.81.206 (ubuntu)

- /home/ubuntu/
- Name
- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- .Xauthority

```
Get:49 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2445 kB]
Get:50 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [562 kB]
Get:51 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:52 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 c-n-f Metadata [536 B]
Get:53 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [28.8 kB]
Get:54 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [6492 B]
Get:55 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:56 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [396 B]
Fetched 39.8 MB in 6s (6368 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
83 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-10-0-1-218:~$ sudo apt install nginx -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  nginx-common
Suggested packages:
  fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  nginx nginx-common
0 upgraded, 2 newly installed, 0 to remove and 83 not upgraded.
Need to get 564 kB of archives.
After this operation, 1596 kB of additional disk space will be used.
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.5 [43.4 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.5 [520 kB]
Fetched 564 kB in 6s (25.1 MB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 71752 files and directories currently installed.)
Preparing to unpack .../nginx-common_1.24.0-2ubuntu7.5_all.deb ...
Unpacking nginx-common (1.24.0-2ubuntu7.5) ...
Selecting previously unselected package nginx.
Preparing to unpack .../nginx_1.24.0-2ubuntu7.5_amd64.deb ...
Unpacking nginx (1.24.0-2ubuntu7.5) ...
Setting up nginx-common (1.24.0-2ubuntu7.5) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
Setting up nginx (1.24.0-2ubuntu7.5) ...
 * Upgrading binary nginx
Progress: 78% [#####

```

 Remote monitoring Follow terminal folder

Instances | EC2 | ap-south-1 x vpcs | VPC Console x + ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances: NAIJMOON SHAIK (6985-4713-9150) ▾

aws Search [Alt+S] Ask Amazon Q Asia Pacific (Mumbai) ▾ NAIJMOON SHAIK

EC2 Instances

EC2 Currently creating AMI ami-03f5a2fad5e8240cd from instance i-08656741ea0c5d543. Check that the AMI status is 'Available' before deleting the instance or carrying out other actions related to this AMI.

Last updated 1 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	Availability Zone	Public IPv4
<input checked="" type="checkbox"/> imagec2	i-08656741ea0c5d543	<span>Running</span>	t3.micro	<span>3/3 checks passed</span>	<a href="#">View alarms</a> +	ap-south-1a	-
<input type="checkbox"/> vertical -01	i-0fc17810ac8735965	<span>Terminated</span>	t3.small	-	<a href="#">View alarms</a> +	ap-south-1a	-

i-08656741ea0c5d543 (imagec2)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ Instance summary Info

Instance ID <a href="#">i-08656741ea0c5d543</a>	Public IPv4 address <a href="#">15.206.81.206</a>   open address ↗	Private IPv4 addresses <a href="#">10.0.1.218</a>
IPv6 address -	Instance state <span>Running</span>	Public DNS -
Hostname type	Private IP DNS name (IPv4 only)	

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Create launch template | EC2 | [vpcs | VPC Console](#)

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

aws Search [Alt+S] Ask Amazon Q

NAJIMOOON SHAIK (6985-4713-9150) ▾ NAJIMOOON SHAIK

EC2 > Launch templates > Create launch template

Success Successfully created autoscalingtemplate(lt-0b12f87e09c9fc321).

Actions log

## Next Steps

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[Create Spot Fleet](#)

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Create application load balance × Target group details | EC2 | ap-south-1 vpcs | VPC Console × | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroup:targetGroupArn=arn:aws:elasticloadbalancing:ap-south-1:698547139150:targetgroup/tg01/62de442b21e57e9... ☆ N NAJIMOOON SHAIK (6985-4713-9150) ▾ NAJIMOOON SHAIK

aws Search [Alt+S] Asia Pacific (Mumbai) ▾ NAJIMOOON SHAIK

EC2 Target groups tg01

EC2 Successfully created the target group: tg01. Anomaly detection is automatically applied to all registered targets. Results can be viewed in the Targets tab. Give feedback X

tg01 Actions ▾

Details

arn:aws:elasticloadbalancing:ap-south-1:698547139150:targetgroup/tg01/62de442b21e57e93

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC <a href="#">vpc-0c7e86c6fc5422266</a>		
IP address type IPv4	Load balancer None associated				
0 Total targets	0 Healthy	0 Unhealthy	0 Unused	0 Initial	0 Draining
	0 Anomalous				

Targets Monitoring Health checks Attributes Tags

Registered targets (0) Info Anomaly mitigation: Not applicable C Deregister Register targets

Target groups route requests to individual registered targets using the protocol and port number specified. Health checks are performed on all registered targets according to the target

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Very high UV Now ENG IN 15:35 10-02-2026

Create application load balance × Target group details | EC2 | ap-south-1 | vpcs | VPC Console × | +

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

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EC2 > Load balancers > Create Application Load Balancer

**Default action** | Info

The default action is used if no other rules apply. Choose the default action for traffic on this listener.

**Routing action**

Forward to target groups  Redirect to URL  Return fixed response

**Forward to target group** | Info

Choose a target group and specify routing weight or [create target group](#).

Target group	Weight	Percent
tg01 Target type: Instance, IPv4   Target stickiness: Off	1 0-999	100%

+ Add target group You can add up to 4 more target groups.

**Target group stickiness** | Info

Enables the load balancer to bind a user's session to a specific target group. To use stickiness the client must support cookies. If you want to bind a user's session to a specific target, turn on the Target Group attribute Stickiness.

Turn on target group stickiness

**Listener tags - optional**

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

Add listener tag You can add up to 50 more tags.

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UV 7 Very high UV Now

Search

15:55 10-02-2026

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LoadBalancer:loadBalancerArn=arn:aws:elasticloadbalancing:ap-south-1:698547139150:loadbalancer/app/applb/c2210e6d... NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

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EC2 Load balancers applb

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

applb

Successfully created load balancer: applb

It might take a few minutes for your load balancer to fully set up and route traffic. Targets will also take a few minutes to complete the registration process and pass initial health checks.

Introducing ALB target optimizer

Target optimizer lets you enforce a maximum number of requests per target using an ALB-provided agent, improving success rates, latency, and efficiency. [Learn more](#)

Details

Load balancer type	Status	VPC	Load balancer IP address type
Application	Provisioning	vpc-0c7e86c6fc5422266	IPv4
Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	ZP97RAFLXTNZK	subnet-0ce941f5e5509d1f8 ap-south-1a (aps1-az1) subnet-02b9f8383d9e2ede8 ap-south-1b (aps1-az3)	February 10, 2026, 15:36 (UTC+05:30)

Load balancer ARN

arn:aws:elasticloadbalancing:ap-south-1:698547139150:loadbalancer/app/applb/c2210e6d10e6dda520659

DNS name

applb-1381310328.ap-south-1.elb.amazonaws.com (A Record)



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NAJIMOOON SHAIK

EC2 &gt; Auto Scaling groups &gt; 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.

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

### 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.

Select a launch template



Create a launch template

[Cancel](#)[Next](#)

Create Auto Scaling group | EC2 Target group details | EC2 | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateAutoScalingGroup: vpcs | VPC Console

Search [Alt+S] Ask Amazon Q

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EC2 > Auto Scaling groups > Create Auto Scaling group

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

vpc-0c7e86c6fc5422266 (AUTOSCALING -VPC01)  
10.0.0.0/16

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

Q

aps1-az1 (ap-south-1a) | subnet-0ce941f5e5509d1f8 (SUBNET -01)  
10.0.1.0/24

aps1-az3 (ap-south-1b) | subnet-02b9f8383d9e2ede8 (SUBNET -02)  
10.0.2.0/24

**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

## Health checks

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

### ① 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.
  - 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.

60  seconds

**Cancel**

[Skip to review](#)

Previous

**Next**

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

aws Search [Alt+S] Ask Amazon Q Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

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

## Configure group size and scaling - *optional* Info

Define your group's desired capacity and scaling limits. You can optionally add automatic scaling to adjust the size of your group.

### Group size Info

Set the initial size of the Auto Scaling group. After creating the group, you can change its size to meet demand, either manually or by using automatic scaling.

**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.

1

### 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**  
1  
Equal or less than desired capacity

**Max desired capacity**  
4  
Equal or greater than desired capacity

Auto Scaling groups | EC2 | ap-south-1 | Target group details | EC2 | ap-south-1 | vpcs | VPC Console | +

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

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EC2 > Auto Scaling groups

Last updated less than a minute ago

Auto Scaling groups (1) [Info](#)

Launch configurations Launch templates Actions [Create Auto Scaling group](#)

Search your Auto Scaling groups

Name	Launch template/configuration	Instances	Status	Desired capacity	Min	Max	Availability Zones	Tu
ASG11	<a href="#">autoscalingtemplate</a>   Version Default	0	Updating capacity...	1	1	4	2 Availability Zones	Tu

0 Auto Scaling groups selected



Auto Scaling groups | EC2 | ap-south-1 | Target group details | EC2 | ap-south-1 | Instances | EC2 | ap-south-1 | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:v=3;\$case=true%5C;client:false;\$regex=tags:false%5C;client:false

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EC2 Instances

Instances (1/3) Info Last updated 1 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	Availability Zone	Public IPv4
imagec2	i-08656741ea0c5d543	Terminated	t3.micro	-	<a href="#">View alarms</a> +	ap-south-1a	-
vertical -01	i-0fc17810ac8735965	Terminated	t3.small	-	<a href="#">View alarms</a> +	ap-south-1a	-
<input checked="" type="checkbox"/> orginalvm	i-08edc29df2fcac9ca	Running	t3.micro	Initializing	<a href="#">View alarms</a> +	ap-south-1b	-

i-08edc29df2fcac9ca

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID <a href="#">i-08edc29df2fcac9ca</a>	Public IPv4 address -	Private IPv4 addresses <a href="#">10.0.2.240</a>
IPv6 address -	Instance state <a href="#">Running</a>	Public DNS -
Hostname type	Private IP DNS name (IPv4 only)	

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8 30°C Sunny ENG IN 15:44 10-02-2026

Auto Scaling groups | EC2 | ap-south-1 | Target group details | EC2 | ap-south-1 | Alarms | CloudWatch | ap-south-1 | +

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:~(alarmStateFilter~'ALARM')

aws CloudWatch Alarms

CloudWatch Alarms (0)

Hide Auto Scaling alarms Clear selection Create composite alarm Actions Create alarm

Search Alarm state: In alarm Alarm type: Any Actions status: Any

Name State Actions Last state update (UTC) Conditions

No alarms  
No alarms to display  
[Read more about Alarms](#)

Create alarm

Favorites and recents

Ingestion Dashboards

Alarms ▾ 0 ⓘ 0 ⓘ 0

[In alarm](#)  
[All alarms](#)

AI Operations

GenAI Observability

Application Signals (APM) New

Infrastructure Monitoring

Logs New

Metrics New

Network Monitoring

Setup

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8 30°C Sunny ENG IN 10:45 10-02-2026

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#metricsV2?graph=~0

aws CloudWatch Metrics

CloudWatch Metrics Info Untitled graph [Alt+S] 1h 3h 12h 1d 3d 1w Custom UTC timezone Actions Investigate Line C

Your CloudWatch graph is empty.  
Select some metrics to appear here.

Feb 10, 07:30 Feb 10, 07:45 Feb 10, 08:00 Feb 10, 08:15 Feb 10, 08:30 Feb 10, 08:45 Feb 10, 09:00 Feb 10, 09:15 Feb 10, 09:30 Feb 10, 09:45 Feb 10, 10:00 Feb 10, ...

Browse (2,679) Multi source query Graphed metrics Options Source Add math Add query Mumbai Alarm recommendations Download alarm code Create alarm Graph with SQL Graph search

Search for any metric, dimension, resource id or account id

ApplicationELB	199	Bedrock/DataAutomation	5	EBS	690	EC2	1009
• View automatic dashboard	(i)						
Location	8	Logs	6	NATGateway	31	NetworkELB	99
• View automatic dashboard	(i)						

All metrics Explorer Streams

Network Monitoring Setup

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Auto Scaling groups | EC2 | ap-south-1 Instances | EC2 | ap-south-1 Metrics | CloudWatch | ap-south-1

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

aws Search [Alt+S] Ask Amazon Q Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Instances

Instances (1/3) Info

Find Instance by attribute or tag (case-sensitive)

All states

Connect Instance state Actions Launch instances

1 / 1 Instances Availability Zone Public IPv4

	Status	Availability Zone	Public IPv4
imagec2	Running	ap-south-1a	-
vertical -01	Running	ap-south-1a	-
orginalvm	Running	ap-south-1b	-

Detailed monitoring

After you enable detailed monitoring for an instance, monitoring data is available in 1-minute periods. [Learn more](#)

Instance ID: i-08edc29df2fcac9ca (orginalvm)

Detailed monitoring:  Enable

After you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period for the instance. [Additional charges apply](#)

Cancel Confirm

Details Status and alarms Monitors

Include metrics in the CWAgent namespace [Learn more](#)

Investigate [View logs](#)

Alarm recommendations [View details](#)

CPU utilization (%) Network in (bytes) Network out (bytes) Network packets in (count)

Percent Bytes Bytes Count

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8 30°C Sunny ENG IN 15:57 10-02-2026



Auto Scaling groups | EC2 | ap-south-1 Instances | EC2 | ap-south-1 Create alarm | Alarms | CloudWatch Select metric | Alarms | CloudWatch

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~'Actions~AlarmType~'MetricAlarm~AlarmData~(Namespace~'AWS+2fEC2~MetricName~...)

aws Search [Alt+S]

CloudWatch > Alarms > Create alarm

Add alarm details Step 4 Preview and create

Define the alarm state that will trigger this action.

In alarm  
The metric or expression is outside of the defined threshold.

OK  
The metric or expression is within the defined threshold.

Insufficient data  
The alarm has just started or not enough data is available.

**Send a notification to the following SNS topic**

Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

**Create a new topic...**

The topic name must be unique.

najimootopic

SNS topic names can contain only alphanumeric characters, hyphens (-) and underscores (\_).

**Email endpoints that will receive the notification...**

Add a comma-separated list of email addresses. Each address will be added as a subscription to the topic above.

sknajimoon143@gmail.com

user1@example.com, user2@example.com

**Create topic**

**Add notification**

ap-south-1.console.aws.amazon.com/sns/v3/home?region=ap-south-1#/topic/arn:aws:sns:ap-south-1:698547139150:najimoontopic

aws Search [Alt+S]

Amazon SNS Topics najimoontopic Edit Delete Publish message

Amazon SNS < najimoontopic

Details

Name	ARN	Display name	Type
najimoontopic	arn:aws:sns:ap-south-1:698547139150:najimoontopic	-	Standard

Topic owner 698547139150

Subscriptions

Push notifications

Text messaging (SMS)

Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encryption Tags

Subscriptions (1)

ID	Endpoint	Status	Protocol
Pending confirmation	sknajimoon143@gmail.com	Pending confirmation	EMAIL

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CloudWatch > Alarms > Create alarm

① Alarm recommendations available Turn on Recommendations to pre-populate the wizard with the recommended alarms.

Step 1 Specify metric and conditions  
Step 2 Configure actions  
Step 3 Add alarm details  
Step 4 Preview and create

## Add alarm details

### Name and description

Alarm name

Alarm description - optional [View formatting guidelines](#)

**Edit** Preview

# This is an H1  
\*\*double asterisks will produce strong character\*\*  
This is [an example](https://example.com/) inline link.

Up to 1024 characters (0/1024).

ⓘ Markdown formatting is only applied when viewing your alarm in the console. The description will remain in plain text in the alarm notifications.

System information as of Tue Feb 10 12:20:21 UTC 2026

System load: 0.0 Temperature: -273.1 C  
Usage of /: 30.0% of 6.71GB Processes: 114  
Memory usage: 23% Users logged in: 0  
Swap usage: 0% IPv4 address for ens5: 10.0.2.240

Expanded Security Maintenance for Applications is not enabled.

78 updates can be applied immediately.

38 of these updates are standard security updates.

To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.

See <https://ubuntu.com/esm> or run: sudo pro status

The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/\*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.

root@ip-10-0-2-240:~#

### i-08edc29df2fcac9ca (orginalvm)

PublicIPs: 3.110.188.177 PrivateIPs: 10.0.2.240



Search

[Alt+S]

Asia Pacific (Mumbai) ▾  
NAJIMOOON SHAIK (6985-4713-9150)

## EC2 Instances

Dashboard

AWS Global View

Events

## ▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

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Dedicated Hosts

Capacity Reservations

Capacity Manager

## ▼ Images

AMIs

AMI Catalog

## ▼ Elastic Block Store

Volumes

Snapshots

CloudShell

Feedback

Console Mobile App

## Instances (4)

Find Instance by attribute or tag (case-sensitive)



Connect

Instance state ▾

Actions ▾

Launch instances ▾



1



<input type="checkbox"/> Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input type="checkbox"/>	i-0d7a4ff0983f1dfc1	Running	t3.micro	Initializing	<a href="#">View alarms +</a>	ap-south-1a	-
<input type="checkbox"/>	i-00c72036e9ec04bc1	Running	t3.micro	Initializing	<a href="#">View alarms +</a>	ap-south-1a	-
<input type="checkbox"/>	orginalvm	Running	t3.micro	3/3 checks passed  1 in al...	<a href="#">+</a>	ap-south-1b	-
<input type="checkbox"/>	i-0287b9ee9d343a35c	Running	t3.micro	Initializing	<a href="#">View alarms +</a>	ap-south-1b	-

## Select an instance

