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Load Balancing

Load Balancers

Target Groups

Trust Stores

New

Resources

EC2 Global View

You are using the following Amazon EC2 resources in the Asia Pacific (Mumbai) Region:

Instances (running)

0

Auto Scaling Groups

0

Capacity Reservations

0

Dedicated Hosts

0

Elastic IPs

0

Instances

2

Key pairs

2

Load balancers

0

Placement groups

0

Security groups

3

Snapshots

0

Volumes

0

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Launch instance

Migrate a server

Note: Your instances will launch in the Asia Pacific (Mumbai) Region

Instance alarms

0 in alarm

0 OK

0 insufficient data

View in CloudWatch

Instances in alarm

Scheduled events

Asia Pacific (Mumbai)

No scheduled events

Migrate a server

Service health

AWS Health Dashboard

Region

Asia Pacific (Mumbai)

Status

This service is operating normally.

Zones

Zone name

Zone ID

ap-south-1a

aps1-az1

ap-south-1b

aps1-az3

ap-south-1c

aps1-az2

Enable additional Zones

EC2 Free Tier

Info

Offers for all AWS Regions.

3 EC2 free tier offers in use

End of month forecast

0 offers forecasted to exceed free tier limit.

Exceeds free tier

0 offers exceeded and is now pay-as-you-go pricing.

View Global EC2 resources

Offer usage (monthly)

Linux EC2 Instances

743 hours remaining

1%

Windows EC2 Instances

749.648056 hours remaining

0%

Storage space on EBS

29.77 GB remaining

1%

View all AWS Free Tier offers

Account attributes

Default VPC

vpc-0b4d437bdb10ae30c

Settings

Data protection and security

Allowed AMIs

Zones

EC2 Serial Console

Default credit specification

CloudShellFeedback

Launch an instance

Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Info

Name

cloud

Add additional tags

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

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type

ami-00bb6a80f01f03502 / ami-09773b29fbbef1f2 (64-bit (Arm))

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Canonical, Ubuntu, 24.04, amd64 noble image

Architecture

64-bit (x86)

AMI ID

ami-00bb6a80f01f03502

Username

ubuntu

Verified provider

Summary

Number of instances

Info

1

Software Image (AMI)

Canonical, Ubuntu, 24.04, amd64...read more

ami-00bb6a80f01f03502

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

Preview code

CloudShellFeedback

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Launch an instance | EC2 | ap-s...

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

Search

[Alt+S]

Asia Pacific (Mumbai)

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EC2 > Instances > Launch an instance

▼ Instance type

Info | Get advice

Instance type

t2.micro

Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Linux base pricing: 0.0124 USD per Hour On-Demand Windows base pricing: 0.017 USD per Hour On-Demand RHEL base pricing: 0.0268 USD per Hour On-Demand Ubuntu Pro base pricing: 0.0142 USD per Hour On-Demand SUSE base pricing: 0.0124 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 - **required**

cloud

Create new key pair

▼ Network settings

Info

Network

Info

vpc-0b4d437bdb10ae30c

Subnet

Info

No preference (Default subnet in any availability zone)

Auto-assign public IP

Info

Enable

Additional charges apply when outside of free tier allowance

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

We'll create a new security group called 'launch-wizard-3' with the following rules:

Allow SSH traffic from

Anywhere

Cancel

Launch instance

Preview code

▼ Summary

Number of instances

Info

1

Software image (AMI)

Canonical, Ubuntu, 24.04, amd6...read more

ami-00bb6a80f01f03502

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

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Launch an instance | EC2 | ap-s...

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

Search

[Alt+S]

Asia Pacific (Mumbai)

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance [\(i-0d1def4b0b52d0bea\)](#)

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 >

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier 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

Enable or disable detailed monitoring for the instance. If you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period.

Manage detailed monitoring

Create Load Balancer

Create an application, network gateway or classic Elastic Load Balancer

Create Load Balancer

Create AWS budget

AWS Budgets allows you to create budgets, forecast spend, and take action on your costs and usage from a single location.

Create AWS budget

Manage CloudWatch alarms

Create or update Amazon CloudWatch alarms for the instance.

Manage CloudWatch alarms

Disaster recovery for your instances

Recover the instances you just launched into a different Availability Zone or a different Region using AWS Elastic Disaster Recovery (DRS).

Disaster recovery for your instances

Monitor for suspicious runtime activities

Amazon GuardDuty enables you to continuously monitor for malicious runtime activity and unauthorized behavior, with near real-time visibility into on-host activities occurring across your Amazon EC2 workloads.

Monitor for suspicious runtime activities

Get instance screenshot

Capture a screenshot from the instance and view it as an image. This is useful for troubleshooting an unreachable instance.

Get instance screenshot

Get system log

View the instance's system log to troubleshoot issues.

Get system log

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#GetSystemLog?instanceId=i-0d1def4b0b52d0bea

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Launch an instance | EC2 | ap-southeast-1

Connect to instance | EC2 | ap-southeast-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-0d1def4b0b52d0bea

Search

Asia Pacific (Mumbai)

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EC2 > Instances > i-0d1def4b0b52d0bea > Connect to instance

Connect to instance info

Connect to your instance i-0d1def4b0b52d0bea (cloud) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-0d1def4b0b52d0bea (cloud)

Connection Type

☒ Connect using EC2 Instance Connect

Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.

☐ Connect using EC2 Instance Connect Endpoint

Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

☒ Public IPv4 address

☐ 13.234.30.21

☐ IPv6 address

Username

Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

Q ubuntu

X

Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel

Connect

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Launch an instance | EC2 | ap-southeast-1

Instances | EC2 | ap-south-1

EC2 Instance Connect | ap-south-1

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-0d1def4b0b52d0bea&osUser=ubuntu®ion=ap-south-1&sshPort=22

Search

Asia Pacific (Mumbai)

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EC2 Instance Connect | ap-south-1

```
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1021-aws x86_64)

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

System information as of Wed Jan 15 08:42:30 UTC 2025

System load:  1.25   Processes:    27
Usage of /home: unknown  Users logged in:  0
Memory usage:  5%   IPv4 address for eth0: 10.10.10.2
Swap usage:    0%

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.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-9-160:~$
```

i-0d1def4b0b52d0bea (cloud)

PublicIPs: 13.234.30.21 PrivateIPs: 172.31.9.160

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Launch an instance | EC2 | ap-s...

Instance details | EC2 | ap-sou...

EC2 Instance Connect | ap-sou...

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#InstanceDetails:instanceId=i-0d1def4b0b52d0bea

Search

Asia Pacific (Mumbai)

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EC2

Instances

i-0d1def4b0b52d0bea

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New

Instance summary for i-0d1def4b0b52d0bea (cloud) Info

Updated less than a minute ago

Instance ID

i-0d1def4b0b52d0bea

IPv6 address

-

Hostname type

IP name: ip-172-31-9-160.ap-south-1.compute.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

13.234.30.21 [Public IP]

IAM Role

-

IMDSv2

Required

Operator

-

Public IPv4 address

13.234.30.21 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-9-160.ap-south-1.compute.internal

Instance type

t2.micro

VPC ID

vpc-0b4d437bdb10ae30c

Subnet ID

subnet-025aba8584ce4dacc

Instance ARN

arn:aws:ec2:ap-south-1:060795931772:instance/i-0d1def4b0b52d0bea

Private IPv4 addresses

172.31.9.160

Public IPv4 DNS

ec2-13-234-30-21.ap-south-1.compute.amazonaws.com | open address

Elastic IP addresses

-

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Auto Scaling Group name

-

Managed

false

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

Instance details Info

AMI ID

ami-00bb6a80f01f03502

AMI name

ubuntu/images/hvm-ssd-gp3/ubuntu-noble-24.04-amd64-server-20250115

Stop protection

Disabled

Monitoring

disabled

Allowed image

-

Launch time

Wed Feb 05 2025 19:08:24 GMT+0530 (India Standard Time) (3 minutes)

Platform details

Linux/UNIX

Termination protection

Disabled

AMI location

amazon/ubuntu/images/hvm-ssd-gp3/ubuntu-noble-24.04-amd64-server-20250115

CloudShell

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