



## Sign in

☒ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

### Root user email address

*username@example.com*

**Next**

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Search results for 'ec2'

Services (12)

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Events (30)

Marketplace (2,293)

## Services

[See all 12 results ►](#)



EC2 ☆

Virtual Servers in the Cloud



EC2 Image Builder ☆

A managed service to automate build, customize and deploy OS images



Amazon Inspector ☆

Continual vulnerability management at scale



AWS Firewall Manager ☆

Central management of firewall rules



Services

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New EC2 Experience  
Tell us what you think

## EC2 Dashboard

EC2 Global View

Events

Tags

Limits

### Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

## Launch instance

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

Launch instance ▲

Launch instance

Launch instance from template

Note: Your instances will launch in the US East (N. Virginia) Region

## Scheduled events

US East (N. Virginia)

No scheduled events

## Service health



AWS Health Dashboard

Region

US East (N. Virginia)

Status

✓ This service is operating normally

## Zones

Zone name

Zone ID

us-east-1a

use1-az4

us-east-1b

use1-az6

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# 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

[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



## 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

### Quick Start

Amazon  
Linux



macOS



Ubuntu



Windows



Red Hat



SUSE



[Browse more AMIs](#)

Including AMIs from  
AWS, Marketplace and  
the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

Free tier eligible





Services

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Amazon  
Linux



macOS



Ubuntu



Windows



Red Hat



SUSE



Browse more AMIs

Including AMIs from  
AWS, Marketplace and  
the Community

### Amazon Machine Image (AMI)

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

Free tier eligible

ami-0fa1de1d60de6a97e (64-bit (x86)) / ami-0d1ecaad2613d97c3 (64-bit (Arm))

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



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

Free tier eligible

ami-0fa1de1d60de6a97e (64-bit (x86)) / ami-0d1ecaad2613d97c3 (64-bit (Arm))

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

Deep Learning AMI GPU PyTorch 2.0.0 (Amazon Linux 2) 20230328

ami-04b43a3a5cbb5d25e (64-bit (x86))

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

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Amazon  
Linux



macOS



Ubuntu



Windows



Red Hat



SUSE



Browse more AMIs

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### Amazon Machine Image (AMI)

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

Free tier eligible

ami-0fa1de1d60de6a97e (64-bit (x86)) / ami-0d1ecaad2613d97c3 (64-bit (Arm))

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

### Description

64-bit (x86)



64-bit (Arm)

64-bit (x86)

IO AMI 2.0.20230404.0 x86\_64 HVM gp2

AMI ID

ami-0fa1de1d60de6a97e

Verified provider

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Architecture

AMI ID

64-bit (x86)

ami-0fa1de1d60de6a97e

Verified provider



t2.nano

Family: t2 1 vCPU 0.5 GiB Memory  
On-Demand Linux pricing: 0.0058 USD per Hour  
On-Demand SUSE pricing: 0.0058 USD per Hour  
On-Demand Windows pricing: 0.0081 USD per Hour

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory  
On-Demand Windows pricing: 0.0162 USD per Hour  
On-Demand SUSE pricing: 0.0116 USD per Hour



t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory  
On-Demand Windows pricing: 0.0162 USD per Hour  
On-Demand SUSE pricing: 0.0116 USD per Hour  
On-Demand RHEL pricing: 0.0716 USD per Hour  
On-Demand Linux pricing: 0.0116 USD per Hour



☐ All generations

[Compare instance types](#)

▼ Key pair (login) [Info](#)

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▼ Network settings [Info](#)[Edit](#)Network [Info](#)

vpc-00e9163efc93f3801 | DefaultVPC

Subnet [Info](#)

No preference (Default subnet in any availability zone)

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

We'll create a new security group called **'launch-wizard-1'** with the following rules:

☒ Allow SSH traffic from  
Helps you connect to your instance

Anywhere

0.0.0.0/0 ▼

☐ Allow HTTPS traffic from the internet  
To set up an endpoint, for example when creating a web server☐ Allow HTTP traffic from the internet  
To set up an endpoint, for example when creating a web server



## ▼ Summary

Number of instances [Info](#)

1

### Software Image (AMI)

Amazon Linux 2023 AMI 2023.0.2...[read more](#)

ami-06e46074ae430fba6

### Virtual server type (instance type)

t2.micro

### Firewall (security group)

New security group

### Storage (volumes)

Cancel

Launch instance

[Review commands](#)



**Success**Successfully initiated launch of instance ([i-068c85a48c10bce08](#))[▶ Launch log](#)**Next Steps**

&lt; 1 2 3 4 5 6 &gt;

**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.

**Connect to your instance**

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

[Connect to instance](#) **Connect an RDS database**

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



Services

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## Instances (1/1) [Info](#)



Connect

Instance state

Actions

Launch instances



Find instance by attribute or tag (case-sensitive)

< 1 >

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Avai
<input checked="" type="checkbox"/>	testInstance-1	i-068c85a48c10bce08	<span>Running</span>	t2.micro	<span>2/2 checks passed</span>	No alarms	+ us-e

### Instance: i-068c85a48c10bce08 (testInstance-1)



[Details](#) | [Security](#) | [Networking](#) | [Storage](#) | [Status checks](#) | [Monitoring](#) | [Tags](#)

#### ▼ Instance summary [Info](#)

Instance ID i-068c85a48c10bce08 (testInstance-1)	Public IPv4 address 52.5.191.91   <a href="#">open address</a>	Private IPv4 addresses 172.31.91.151
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