

SWS Search United States (N. Virginia) <https://aws.amazon.com>

Instances Launch an instance

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 contains the operating system, application stack, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

Image [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)

Amazon Linux 2023 (kernel-5.14) [Info](#)
ami-0c19e7521b55d94dc10 | ami-0c19e7521b55d94dc10 | 514 (64 bit, m6g)

Virtualization: hvm | Btrfs available | Root device type: ebs

Description

Amazon Linux 2023 (kernel-5.14) is a modern, general-purpose Linux-based OS that comes with 5 years of long-term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.10.20260202.2 sdb_1d / vmlinuz kernel-5.14

Architectures [64-bit \(x86\)](#) **Boot mode** [uefi-preferred](#) **AMI ID** ami-0c19e7521b55d94dc10 **Publish Date** 2023-02-01 **Username** ec2-user [Verified provider](#)

Instance type [Info](#) [Get advice](#)

Instance Type

16.00m [Free tier eligible](#) All generations [Compare instance types](#)

F16x16 | 2 vCPU | 1 GiB Memory | Current generation true | On-Demand Linux base pricing: 0.0194 USD per Hour | On-Demand Windows base pricing: 0.0194 USD per Hour | On-Demand Ubuntu Pro base pricing: 0.0194 USD per Hour | On-Demand SUSE base pricing: 0.0194 USD per Hour | On-Demand RHEL base pricing: 0.0592 USD per Hour

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

Summary

Number of instances [Info](#)

1

Software image (AMI)

Amazon Linux 2023 AMI 2023.10... [read more](#)
ami-0c19e7521b55d94dc10

Virtual server type (instance type)

t5.micro

Firewall (security group)

New security group

Storage (volumes)

1 volumes | 5 GB

New user In your first year of opening an AWS account, you get 750 hours of free 12-month instance usage (or 4200 hours of 1-month instance usage) with free tier AMIs, 750 hours per month of public IP address usage, 50 GB of EBS storage, 2 million IOPS, 1 GB of snapshots, and 100 GB of bandwidth to the internet. Data transfer charges are not included as part of the free tier allowance. Charges may apply depending on your account's free tier status.

Cancel [Launch instance](#) [Preview code](#)

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**
 [Create new key pair](#)

Network settings [Info](#)

VPC - **Required** [Info](#)
vpc-03f479057478a52d8 (default) [Edit](#)

Subnet [Info](#)
subnet-0c90bf515b62fa4a [Edit](#)
VPC: vpc-03f479057478a52d8 | Owner: 034554470122 | Availability Zone: us-east-1a (line 1-S) | Zone type: Availability Zone | IP addresses available: 4591 | CIDR: 172.31.54.0/20 [Create new subnet](#)

Auto-assign public IP [Info](#)
Enabled [Edit](#)
Additional charges apply when enable or free tier allowance

Firewall (security group) [Info](#)
A security group is a set of defined 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](#)

Security group name - **Required**
 This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 150 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-.(.)@#%^&`~!`

Description - **Required** [Info](#)

Inbound Security Group Rules

Security group rule 1 (TCP: 22, 181.155.91.81/52)
[Remove](#)

Type Info	Protocol Info	Port range Info
SSH	TCP	22
Source type Info	Name Info	Description - optional Info
My IP	Allow (EC2, private IP or security group)	e.g. SSH for custom desktop
<input type="text" value="181.155.91.81"/> Remove		

Security group rule 2 (TCP: 80, 0.0.0.0/0)
[Remove](#)

Type Info	Protocol Info	Port range Info
HTTP	TCP	80
Source type Info	Name Info	Description - optional Info
Anywhere	Allow (EC2, private IP or security group)	e.g. SSH for custom desktop
<input type="text" value="0.0.0.0"/> Remove		

Summary
Number of instances [Info](#)
 [Edit](#)

Software image (AMI)
Amazon Linux 2023.10.2023.10... [Read more](#)
ami-0c9710354748c14

Virtual server type (instance type): t3.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GB

Free tier In your first year of opening an AWS account, you get 750 hours per month of t3.micro instance usage for t3.micro where t3.micro isn't available when used with a security group. You also get 1000 requests per month, additional usage, 30 GB of EBS storage, 2 million I/Os, 1.68 of snapshots, and 700 GB of bandwidth to the internet. Data transfer charges are not included as part of the free tier allowance. Charges may apply depending on your account's free tier status. [X](#)

[Cancel](#) [Launch instance](#) [Preview code](#)

▼ Configure storage [Info](#)

[Advanced](#)

1x GiB Root volume, 3000 IOPS, Not encrypted

[Add new volume](#)

② Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.



0 x File systems

[Edit](#)

```
cd /var/www/html
if [ ! -f immersion-day-app-php7.zip ]; then
    wget -O immersion-day-app-php7.zip
    https://static.us-east-1.prod.workshops.aws/public/0cf8e0cc-9aa4-41b3-aa
    e7-ea46d24b239e/assets/immersion-day-app-php7.zip
    unzip immersion-day-app-php7.zip
fi
# Install AWS SDK
if [ ! -d /var/www/html/vendor ]; then
    mkdir vendor
    cd vendor
    wget https://docs.aws.amazon.com/aws-sdk-php/v3/download/aws.zip
    unzip aws.zip
fi
```

User data has already been base64 encoded

EC2 < Instances > i-0e272d89519b84336

Instance summary for i-0e272d89519b84336 (baldo542-ec2) [Info](#)

Updated 15 minutes ago

Instance ID i-0e272d89519b84336	Public IPv4 address 18.205.104.202 open address	Private IPv4 addresses 172.31.71.64
IPv6 address -	Instance state Running	Public DNS ec2-10-205-104-202.compute-1.amazonaws.com open address
Hostname type IP name: ip-172-31-71-64.ec2.internal	Private IP DNS name (IPv4 only) ip-172-31-71-64.ec2.internal	Elastic IP addresses -
Answer private resource DNS name -	Instance type t3.micro	AWS Compute Optimizer finding User: am:awciam-654654478122:user/students/baldo542@gmail.com is not authorized to perform: compute-optimizer:GetEnrollmentStatus on resource: * because no identity-based policy allows the compute-optimizer:GetEnrollmentStatus action Retry
Auto-assigned IP address 18.205.104.202 [Public IP]	VPC ID vpc-00f479057476a2db8	Auto Scaling Group name -
IAM role -	Subnet ID subnet-0c90bb65bbbd4f4c	Managed false
IMDSv2 Required	Instance ARN arn:aws:ec2:us-east-1:654654478122:instance/i-0e272d89519b84336	Platform details Linux/UNIX
Operator -	Monitoring disabled	Termination protection Disabled
Details Status and alarms Monitoring Security Networking Storage Tags	Allowed image -	AMI location amazon/al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64
Instance details Info		
AMI ID ami-0c1fe732b5494dc14	Launch time Thu Feb 12 2026 20:30:57 GMT-0500 (Colombia Standard Time) (0 minutes)	Instance auto-recovery Off
AMI name al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64	Instance details	Interface
Stop protection Disabled	Monitoring disabled	Platform details Linux/UNIX
Instance reboot migration	Allowed image -	Termination protection Disabled
Instance status	Launch time Thu Feb 12 2026 20:30:57 GMT-0500 (Colombia Standard Time) (0 minutes)	AMI location amazon/al2023-ami-2023.10.20260202.2-kernel-6.1-x86_64

us-east-1.console.aws.amazon.com/console/home?region=us-east-1 © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences



It works!

EC2 Instances > i-0e272d89519b64336

EC2		Storage																												
<ul style="list-style-type: none"> Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Capacity Manager New 	IAM role	Subnet ID																												
	-	subnet-0c50bb685bbdd4fc1																												
	IMDSv2	Instance ARN																												
	Required	arn:aws:ec2:us-east-1:654654478122:instance/i-0e272d89519b64336																												
Details Status and alarms Monitoring Security Networking Storage Tags		Action Retry Auto Scaling Group name - Managed false																												
Root device details Root device name /dev/xvda Root device type EBS EBS optimization enabled Block devices <table border="1"> <thead> <tr> <th>Volume ID</th> <th>Device name</th> <th>Volume size (GiB)</th> <th>Volume State</th> <th>Attachment status</th> <th>EBS card index</th> <th>Attachment time</th> <th>Encrypted</th> <th>KMS key ID</th> </tr> </thead> <tbody> <tr> <td>vol-01cabbb536997a37e</td> <td>/dev/xvda</td> <td>8</td> <td>In-use</td> <td>Attached</td> <td>0</td> <td>2026/02/12 19:43 GMT-5</td> <td>No</td> <td>-</td> </tr> <tr> <td>vol-0eda713cdada0b364</td> <td>/dev/sdb</td> <td>2</td> <td>In-use</td> <td>Attached</td> <td>0</td> <td>2026/02/12 19:51 GMT-5</td> <td>No</td> <td>-</td> </tr> </tbody> </table>				Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	EBS card index	Attachment time	Encrypted	KMS key ID	vol-01cabbb536997a37e	/dev/xvda	8	In-use	Attached	0	2026/02/12 19:43 GMT-5	No	-	vol-0eda713cdada0b364	/dev/sdb	2	In-use	Attached	0	2026/02/12 19:51 GMT-5	No	-
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Volume monitoring (0) No widget on this dashboard.																														

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us-east-1.console.aws.amazon.com/s3/upload/baldo542-bucket?region=us-east-1

Amazon S3

Upload succeeded
For more information, see the [Files and folders](#) table.

Upload: status

After you navigate away from this page, the following information is no longer available.

Summary

Destination	Succeeded	Failed
s3://baldo542-bucket	1 file, 4.0 B (100.00%)	0 files, 0 B (0%)

Files and folders **Configuration**

Files and folders (1 total, 4.0 B)

Name	Folder	Type	Size	Status	Error
holamundo.txt	-	text/plain	4.0 B	Succeeded	-

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