

EC2 Dashboard

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- Instances New

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Instances

Info



Connect

Instance state ▼

Actions ▼

Launch Instances ▼

 Filter instances

	Name ▼	Instance ID	Instance state ▼	Instance type ▼	...
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You do not have any instances in this region

Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

X

Search by Systems Manager parameter

#### Quick Start

My AMIs

AWS Marketplace

Community AMIs

☐ Free tier only ①

< > 1 to 44 of 44 AMIs >



Amazon Linux  
Free tier eligible

### Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-00dfe2c7ce89a450b (64-bit x86) / ami-031dea1a744251b51 (64-bit Arm)

Select

- ☒ 64-bit (x86)  
☐ 64-bit (Arm)

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras. This AMI is the successor of the Amazon Linux AMI that is approaching end of life on December 31, 2020 and has been removed from this wizard.

Root device type: ebs Virtualization type: hvm  
ENA Enabled: Yes



### macOS Big Sur 11.5.2 - ami-0b1674fbc9847f6d

Select

64-bit (Mac)

The macOS Big Sur AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for Xcode, Amazon SSM Agent, and Homebrew. The AWS Homebrew Tap includes the latest versions of multiple AWS packages included in the AMI.

Root device type: ebs Virtualization type: hvm  
ENA Enabled: Yes



### macOS Catalina 10.15.7 - ami-06b49b337567bc1f7

Select

64-bit (Mac)

The macOS Catalina AMI is an EBS-backed, AWS-supported image. This AMI includes the AWS Command Line Interface, Command Line Tools for Xcode, Amazon SSM Agent, and Homebrew. The AWS Homebrew Tap

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by:

All instance families

Current generation

Show/Hide Columns

Currently selected: t2.micro (- ECUs, 1 vCPUs, 2.5 GHz, -, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	t2	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	t2	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	t2	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t2	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.xlarge	4	16	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.2xlarge	8	32	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.xlarge	4	16	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3a	t3a.2xlarge	8	32	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.micro Free Trial available	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.large	2	8	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.xlarge	4	16	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t4g	t4g.2xlarge	8	32	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	c4	c4.large	2	3.75	EBS only	Yes	Moderate	Yes

### Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances

1

Launch into Auto Scaling Group

Purchasing option

☐ Request Spot instances

Network

vpc-1cb9d277 (default)

Create new VPC

Subnet

No preference (default subnet in any Availability Zone)

Create new subnet

Auto-assign Public IP

Use subnet setting (Enable)

Placement group

☐ Add instance to placement group

Capacity Reservation

Open

Domain join directory

No directory

Create new directory

IAM role

None

Create new IAM role

Shutdown behavior

Stop

Stop - Hibernate behavior

☐ Enable hibernation as an additional stop behavior

Enable termination protection

☐ Protect against accidental termination

Monitoring

☐ Enable CloudWatch detailed monitoring

Tenancy

Shared - Run a shared hardware instance

Additional charges apply.

Additional charges will apply for dedicated tenancy.

Elastic Inference

☐ Add an Elastic Inference accelerator

Additional charges apply.

Credit specification

☐ Unlimited

Additional charges may apply

File systems

Add file system

Create new file system

### Advanced Details

Enclave

☐ Enable

Metadata accessible

Enabled

Metadata version

V1 and V2 (token optional)

Metadata token response hop limit

1

User data

☒ As text ☐ As file ☐ Input is already base64 encoded

(Optional)



Step 3: Configure Instance Details

Configure the instance to suit your requiremen  
 launch multiple instances from the same AMI,  
 Spot instances to take advantage of the lower  
 assign an access management role to the inst  
 more.

Number of instances ⓘ

1

Launch into Auto Scaling Group ⓘ

Purchasing option ⓘ

☐ Request Spot instances

Network ⓘ

vpc-1cb9d277 (default) ▾

Create r

Subnet ⓘ

No preference (default subnet in any Availability Zone) ▾

Create r

Auto-assign Public IP ⓘ

Use subnet setting (Enable) ▾

Placement group ⓘ

☐ Add instance to placement group

Capacity Reservation ⓘ

Open ▾

Domain join directory ⓘ

No directory ▾

Create i

IAM role ⓘ

None ▾

Create n

Shutdown behavior ⓘ

Terminate ▾

Stop - Hibernate behavior ⓘ

☐ Enable hibernation as an additional stop behavior

Enable termination protection ⓘ

☒ Protect against accidental termination

Monitoring ⓘ

☐ Enable CloudWatch detailed monitoring

Tenancy ⓘ

Shared - Run a shared hardware instance ▾

Additional charges will app  
dedicated tenancy.

Elastic Inference ⓘ

☐ Add an Elastic Inference accelerator

Additional charges apply.

Credit specification ⓘ

☐ Unlimited

Additional charges may ap

File systems ⓘ

Add file system

Create new file system

## Advanced Details

Enclave ⓘ

☐ Enable

Metadata accessible ⓘ

Enabled ▾

Metadata version ⓘ

V1 and V2 (token optional) ▾

Metadata token response hop limit ⓘ

1 ▾

User data ⓘ

☒ As text
 ☐ As file
 ☐ Input is already base64 encoded

### Step 5: Add Tags

A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.

A copy of a tag can be applied to volumes, instances or both.

Tags will be applied to all instances and volumes. [Learn more](#) about tagging your Amazon EC2 resources.

Key (128 characters maximum)	Value (256 characters maximum)	Instances <small>i</small>	Volumes <small>i</small>	Network Interfaces <small>i</small>	
<input type="text" value="Name"/>	<input type="text" value="Shubhu"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button" value="x"/>

(Up to 50 tags maximum)

### Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/xvda	snap-0350fa19a1ac7579d	8	General Purpose S3	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.



## Step 6: Configure Security Group

A security group is a set of firewall rules that control traffic for your instance. On this page, you can add or allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group

☐ Select an existing security group

Security group name:

Mysecuritygroup

Description:

launch-wizard-1 created 2021-09-15T22:51:46.482+05:30

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description
All traffic ▾	All	0 - 65535	Anywhere ▾	0.0.0.0/0, ::/0

Add Rule

### ⚠ Warning

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known addresses only.



the world.

Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.

You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. [Edit security groups](#)

AMI ID

Free tier eligible

Select an existing key pair or create a new key pair

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.

Create a new key pair

**Key pair type**  
☒ RSA ☐ ED25519

**Key pair name**  
Newpair

Download Key Pair

You have to download the **private key file** (\*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

Cancel Launch Instances

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Perform
t2.micro	-	1	1	EBS only	-	Low to Moderat

## Security Groups

Security group name

Mysecuritygroup

### Description

launch-wizard-1 created 2021-09-  
8.569+05:30

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ	Description ⓘ
SSH	TCP	22	0.0.0.0/0	

## Instance Details

- Storage

## Tags

## Launch Status

- 🟢 **Your instances are now launching**  
The following instance launches have been initiated:  
i-09912c02f996646d6 [View launch log](#)

- 📘 **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, if you exceed the free usage tier).

## How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▾ Here are some helpful resources to get you started

- [How to connect to your Linux instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

- [Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)
- [Create and attach additional EBS volumes](#) (Additional charges may apply)
- [Manage security groups](#)

[View Instances](#)