

We are replacing this launch experience with a new launch experience, which we will continue to improve based on your feedback. Opt-in to the new experience by selecting the button on the right and give us feedback. For now you can still opt out once you have tried it.

Opt-in to the new experience

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

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.

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

Search by Systems Manager parameter

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Amazon Linux

Free tier eligible

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type - ami-0fa49cc9dc8d62c84 (64-bit x86) / ami-02cb75f995890cd96 (64-bit Arm)

Amazon Linux 2 comes with five years support. It provides Linux kernel 5.10 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 now under maintenance only mode and has been removed from this wizard.

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

Select

64-bit (x86)

64-bit (Arm)

1 to 45 of 45 AMIs

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

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

All instance families

c5d

c5n

c6g

c6gd

c6gn

c6i

d2

d3

g3

g3s

t2

t2.medium

t2.large

t2.xlarge

g4ad

g4dn

h1

hpc6a

i2

i3

i3en

i4i

im4gn

inf1

m4

m5

m5a

m5ad

m5d

m5dn

m5n

m5zn

m6g

is4gen

m6i

mac1

p2

p3

p4d

r3

r4

r5

r5a

r5b

r5d

r5dn

r6i

u-6tb1

x1

x1e

x2gd

x2iedn

z1d

Instance Storage (GB)

EBS-Optimized Available

Network Performance

IPv6 Support

EBS only

-

Low to Moderate

Yes

EBS only

-

Low to Moderate

Yes

EBS only

-

Low to Moderate

Yes

EBS only

-

Low to Moderate

Yes

EBS only

-

Low to Moderate

Yes

EBS only

-

Moderate

Yes

Cancel

Previous

Review and Launch

Next: Configure Instance Details

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

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-010ca4df8a177a8c4 (default) Create new VPC

Subnet No preference (default subnet in any Availability Zone) Create new subnet

Auto-assign Public IP Use subnet setting (Enable)

Hostname type Use subnet setting (IP name)

DNS Hostname Enable IP name IPv4 (A record) DNS requests Enable resource-based IPv4 (A record) DNS requests Enable resource-based IPv6 (AAAA record) DNS requests

Placement group Add instance to placement group

Cancel

Previous

Review and Launch

Next: Add Storage

Step 3: Configure Instance Details

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

Additional charges apply.

Tenancy ⓘ

Shared - Run a shared hardware instance ▾

Additional charges will apply for dedicated tenancy.

Elastic Inference ⓘ

☐ Add an Elastic Inference accelerator

Additional charges 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 ▾

Allow tags in metadata ⓘ

Disabled ▾

User data ⓘ

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

(Optional)

Cancel

Previous

Review and Launch

Next: Add Storage