

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 ⓘ	Volumes ⓘ	Network Interfaces ⓘ	
<input type="text" value="Name"/>	<input type="text" value="Server456"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="button" value="✕"/>
<div>Add another tag (Up to 50 tags maximum)</div>					

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New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Failed to terminate an instance: The instance 'i-0d6b276c9715a9a5d' may not be terminated. Modify its 'disableApiTermination' instance attribute and try again.

Instances (1/1)

Filter instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/>	Server456	i-0d6b276c9715a9a5d	Running	t2.micro	2/2 checks passed	No alarms	us-west-1c

Instance: i-0d6b276c9715a9a5d (Server456)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

Instance ID

i-0d6b276c9715a9a5d (Server456)

Public IPv4 address

54.183.198.87 | open address

Private IPv4 addresses

172.31.7.142

IPv6 address

-

Instance state

Running

Public IPv4 DNS

ec2-54-183-198-87.us-west-1.compute.amazonaws.com

Feedback

English (US)

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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 ⓘ

[Launch into Auto Scaling Group ⓘ](#)

Purchasing option ⓘ

☐ Request Spot instances

Network ⓘ

vpc-d12e9bb7 (default) ▾

Create new VPC

Subnet ⓘ

No preference (default subnet in any Availability Zone) ▾

[Create new subnet](#)

Auto-assign Public IP ⓘ

Placement group ⓘ

☐ Add instance to placement group

Capacity Reservation ⓘ



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Support

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

None

Create new IAM role

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

Additional charges apply.

Tenancy

Shared - Run a shared hardware instance

Additional charges will apply for dedicated tenancy.

Credit specification

Unlimited

Additional charges may apply

File systems

Add file system

Create new file system

Advanced Details

Enclave

Enable

Cancel

Previous

Review and Launch

Next: Add Storage

Activate Windows

Go to Settings to activate Windows.

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Support

New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Disabled termination protection for i-0d6b276c9715a9a5d

Instances (1)

Info

Refresh

Connect

Instance state

Actions

Launch Instances

Filter instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	Server456	i-0d6b276c9715a9a5d	Running	t2.micro	2/2 checks passed	No alarms	us-west-1c

Select an instance above

Activate Windows

Go to Settings to activate Windows.

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Support

New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

Disabled termination protection for i-0d6b276c9715a9a5d

Successfully terminated i-0d6b276c9715a9a5d

Instances (1/1)

Filter instances

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Server456	i-0d6b276c9715a9a5d	Shutting-down	t2.micro	2/2 checks passed	No alarms	us-west-1c

Instance: i-0d6b276c9715a9a5d (Server456)

Details

Security

Networking

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Instance summary

Instance ID

i-0d6b276c9715a9a5d (Server456)

Public IPv4 address

54.183.198.87 | open address

Private IPv4 addresses

172.31.7.142

IPv6 address

-

Instance state

Shutting-down

Public IPv4 DNS

ec2-54-183-198-87.us-west-1.compute.amazonaws.com

Feedback

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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

Cancel

Previous

Review and Launch

Next: Configure Instance Details

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-0a28026ce52366baa	<input type="text" value="8"/>	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypt
<div>Add New Volume</div>								

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 the traffic for your instance. On this page, you can add rules to 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:

virtualfirewall456

Description:

launch-wizard-1 created 2021-09-30T10:15:03.272+05:45

Type <small>i</small>	Protocol <small>i</small>	Port Range <small>i</small>	Source <small>i</small>	Description <small>i</small>
All traffic ▾	All	0 - 65535	Custom ▾ 0.0.0.0/0	e.g. SSH for Admin Desktop ✕
<div>Add Rule</div>				
<div><div></div><div><div>Warning</div><div>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 IP addresses only.</div></div></div>				