

How To Create EC2 Instance

Click the button launch

The screenshot shows the 'Launch an instance' page in the AWS Management Console. The breadcrumb navigation at the top reads 'EC2 > Instances > Launch an instance'. The page title is 'Launch an instance' with an 'Info' link. Below the title is a brief description: '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.' The main content area is divided into two columns. The left column contains the 'Name and tags' section with a text input for 'Name' containing 'first server' and an 'Add additional tags' button. Below this is the 'Application and OS Images (Amazon Machine Image)' section, which includes a search bar with the placeholder text 'Search our full catalog including 1000s of application and OS images' and tabs for 'Recents' and 'Quick Start'. The right column contains the 'Summary' section, which lists the configuration: 'Number of instances' (1), 'Software Image (AMI)' (Amazon Linux 2023 AMI 2023.8.2...), 'Virtual server type (instance type)' (t2.micro), and 'Firewall (security group)' (New security group). At the bottom of the summary are 'Cancel' and 'Launch instance' buttons, along with a 'Preview code' link.

aws [Search] [Alt+S] United States (N. California) Account ID: 7610-1888-6828 nikitaarundange

EC2 > 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 server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

[Recents](#) [Quick Start](#)

▼ Summary

Number of instances [Info](#)

Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...[read more](#)
ami-00142eb1747a493d9

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

After that create new key

This screenshot shows the 'Launch an instance' page with the 'Key pair' and 'Network settings' sections expanded. The 'Key pair (login)' section includes a description: '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.' It features a 'Key pair name - required' dropdown menu with 'Select' as the current value and a 'Create new key pair' button. The 'Network settings' section shows the 'Network' dropdown set to 'vpc-04faa221633df9111' and the 'Subnet' dropdown set to 'No preference (Default subnet in any availability zone)'. The 'Auto-assign public IP' option is set to 'Enable'. An 'Edit' button is located at the top right of the network settings section. The right-hand 'Summary' section remains the same as in the previous screenshot, showing the configuration for 1 instance using the Amazon Linux 2023 AMI, t2.micro instance type, and a new security group. The 'Launch instance' button is highlighted in orange.

▼ 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](#)

[Edit](#)

Network [Info](#)

vpc-04faa221633df9111

Subnet [Info](#)

No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

▼ Summary

Number of instances [Info](#)

Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...[read more](#)
ami-00142eb1747a493d9

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

Create key

Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

first key

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA

RSA encrypted private and public key pair

☐ ED25519

ED25519 encrypted private and public key pair

Private key file format

☒ .pem

For use with OpenSSH

☐ .ppk

For use with PuTTY

Cancel

Create key pair

EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance [\(i-0378133289972aae7\)](#)

Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

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.

Connect an RDS database

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots.

Create EBS snapshot policy

EC2

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[EC2 Global View](#)
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Instances

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Instances (1)

Info

Refresh

Connect

Instance state

Actions

Launch instances

All states

<

1

>

Settings

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm s
<input type="checkbox"/>	first server	i-0378133289972aae7	Running	t2.micro	Initializing	View al

Select an instance

Settings

Dropdown

Delete instance (Click on right button)



