

How To Create EC2 Instance

Click the button launch

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

▼ 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](#)

[Network](#) [Info](#)

vpc-04faa221633df9111

[Subnet](#) [Info](#)

No preference (Default subnet in any availability zone)

[Auto-assign public IP](#) [Info](#)

Enable

[Edit](#)

▼ Summary

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

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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

Dashboard

EC2 Global View

Events

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

Instances (1)

Info

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

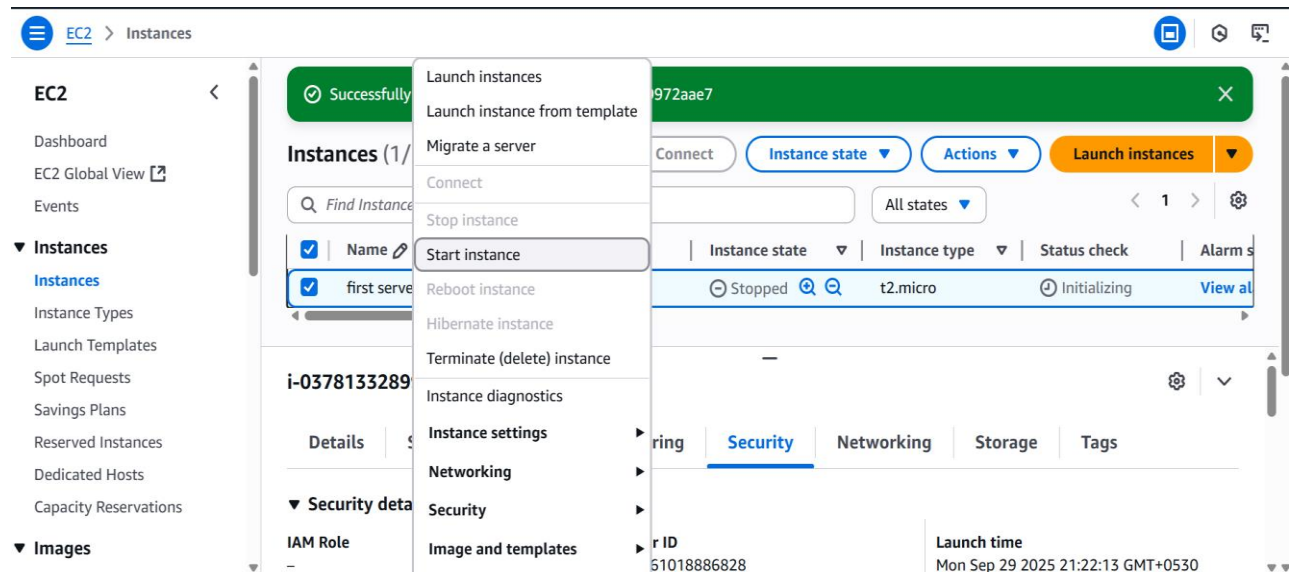
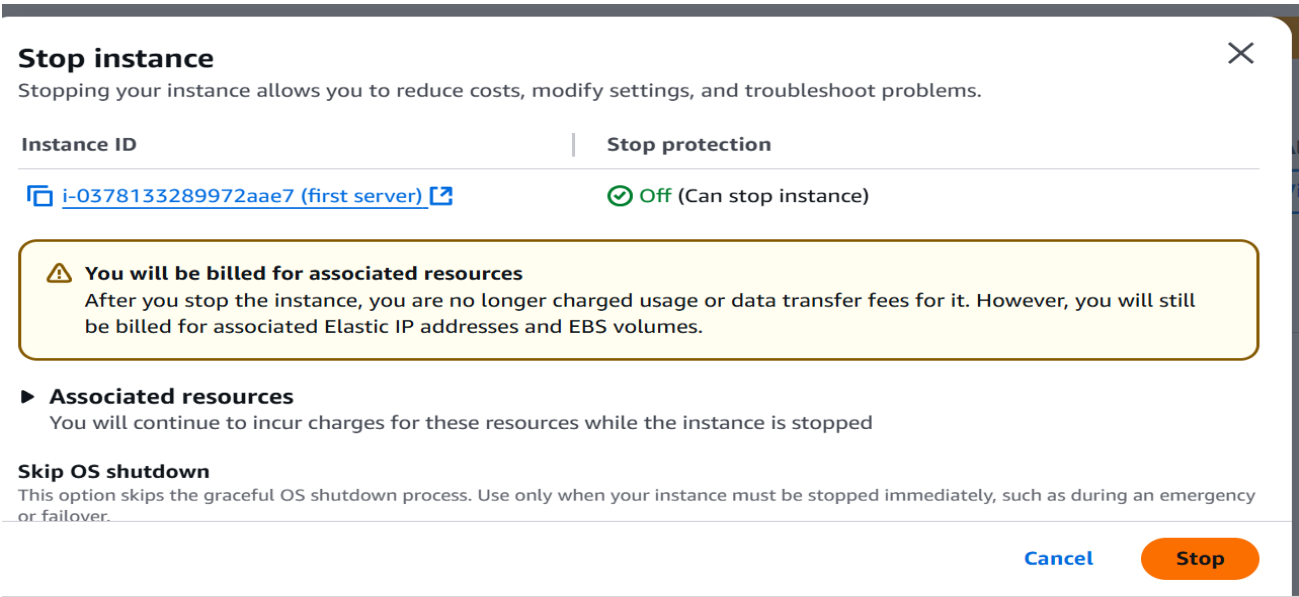
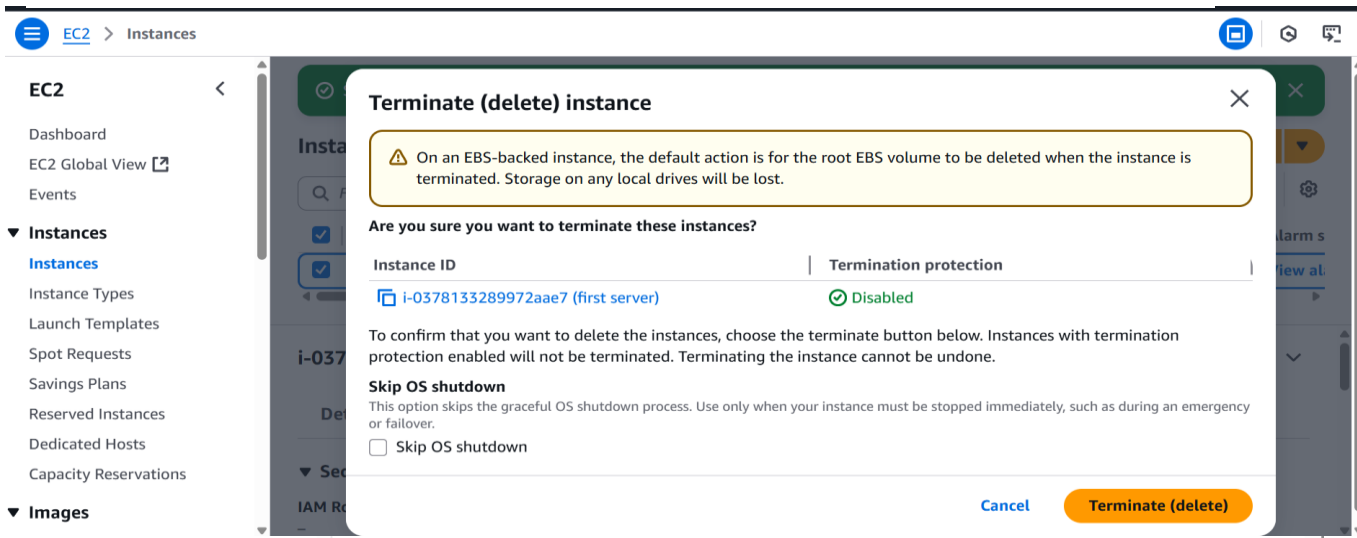
1

Find

<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

Delete instance (Click on right button)



Connect the EC2 Instance

Install the latest Powershell for new features and improvements: <https://aka.ms/PSWindows>

```
PS C:\Users\Nikita> cd .\Downloads\  
PS C:\Users\Nikita\Downloads> ssh -i "demokey.pem" ec2-user@ec2-44-201-13-97.compute-1.amazonaws.com  
The authenticity of host 'ec2-44-201-13-97.compute-1.amazonaws.com (44.201.13.97)' can't be established.  
ED25519 key fingerprint is SHA256:/Msnqxx8/8087Ut5NqhlVoA5HXTMesPHvyTHx2S3kZc.  
This key is not known by any other names.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added 'ec2-44-201-13-97.compute-1.amazonaws.com' (ED25519) to the list of known hosts.  
  
#_  
~_ #####_ Amazon Linux 2023  
~_ \#####\  
~_ \###|  
~_ \#/ --- https://aws.amazon.com/linux/amazon-linux-2023  
~_ V~' '->  
~_ /  
~_ ._. _/  
~_ _/_/_/  
~_ _/m/'  
[ec2-user@ip-172-31-0-4 ~]$
```