

AWS EC2 생성

단계1: AWS EC2 접속

The screenshot shows the AWS Management Console interface. At the top, the search bar contains the text "ec2". The left sidebar shows the "EC2" menu. The main content area displays a list of services under the "Services" heading. A red arrow points to the "EC2" service, which is described as "Virtual Servers in the Cloud". Other services listed include "EC2 Image Builder", "EC2 Global View", and "Recycle Bin". The right sidebar shows filters for "Instance state" and "Actions".

단계2: Launch instances

The screenshot shows the AWS Management Console interface for the EC2 Instances page. The left sidebar contains a navigation menu with 'Instances' highlighted. The top navigation bar shows 'EC2 > Instances'. The main content area displays the 'Instances' page with a search bar, a table header, and a message stating 'No instances' with a 'Launch instances' button. A red box highlights the 'Launch instances' button in the top right corner, and another red box highlights the 'Instances' link in the left sidebar.

EC2 > Instances

Instances Info

Last updated less than a minute ago

Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
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No instances

You do not have any instances in this region

Launch instances

Select an instance

단계3: Name

☰ [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

ec2-mysql

[Add additional tags](#)

단계4: Application and OS Images (Amazon Machine Image)

Recents

My AMIs

Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Linux

SUSE

Debian

debian

Q

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-0eb302fcc77c2f8bd (64-bit (x86), uefi-preferred) / ami-0bbc71e221b6ca0fe (64-bit (Arm), uefi)

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.

Amazon Linux 2023 AMI 2023.7.20250414.0 x86_64 HVM kernel-6.1

Architecture	Boot mode	AMI ID	Publish Date	Username	
64-bit (x86)	uefi-preferred	ami-0eb302fcc77c2f8bd	2025-04-11	ec2-user	<div>Verified provider</div>

단계5: Instance type

▼ Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro

Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Ubuntu Pro base pricing: 0.0162 USD per Hour

On-Demand RHEL base pricing: 0.0288 USD per Hour On-Demand Linux base pricing: 0.0144 USD per Hour

On-Demand SUSE base pricing: 0.0144 USD per Hour On-Demand Windows base pricing: 0.019 USD per Hour

☐ All generations

[Compare instance types](#)

[Additional costs apply for AMIs with pre-installed software](#)

- Instance type 비용

< 페이지 콘텐츠

[온디맨드 요금](#)

[데이터 전송](#)

[동일 AWS 리전 내 데이터 전송](#)

[EBS 최적화 인스턴스](#)

[탄력적 IP 주소](#)

[통신사 IP 주소](#)

[Elastic Load Balancing](#)

[온디맨드 용량 예약](#)

[T2/T3/T4g 무제한 모드 요금](#)

[Amazon CloudWatch](#)

[Amazon Elastic Block Store](#)

[Amazon EC2 Auto Scaling](#)

[AWS GovCloud 리전](#)

Amazon EC2의 온디맨드 플랜

위치 유형 및 리전 선택

위치 유형

AWS 리전 ▼

지역

아시아 태평양(서울) ▼

운영 체제, 인스턴스 유형 및 vCPU를 선택하여 요금 확인

운영 체제

Linux ▼

인스턴스 유형

범용 ▼

vCPU

모두 ▼

138개의 사용 가능한 인스턴스 보기

Q t2.micro X 1 match < 1 >

인스턴스 이름 ▼	온디맨드 시간당 요금 ▲	vCPU ▼	메모리 ▼	스토리지 ▼	네트워크 성능 ▼
t2.micro	USD 0.0144	1	1GiB	EBS 전용	낮음에서 중간



단계5: Key pair

▼ 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*

Select



[Create new key pair](#)

- Create key pair

The screenshot shows the 'Create key pair' dialog box in the AWS Management Console. The dialog has a title bar with a close button (X). The main content is organized into sections: 'Key pair name', 'Key pair type', and 'Private key file format'. The 'Key pair name' section has a text input field containing 'ec2-mysql-keypair', which is highlighted with a red rectangle. Below the input field is a note: 'The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.' The 'Key pair type' section has two radio button options: 'RSA' (selected) and 'ED25519'. The 'Private key file format' section has two radio button options: '.pem' (selected) and '.ppk'. At the bottom right, there are two buttons: 'Cancel' and 'Create key pair'. A red arrow points from the 'Cancel' button to the 'Create key pair' button. A yellow warning box at the bottom contains a warning icon and text: 'When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)'.

Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.

ec2-mysql-keypair

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

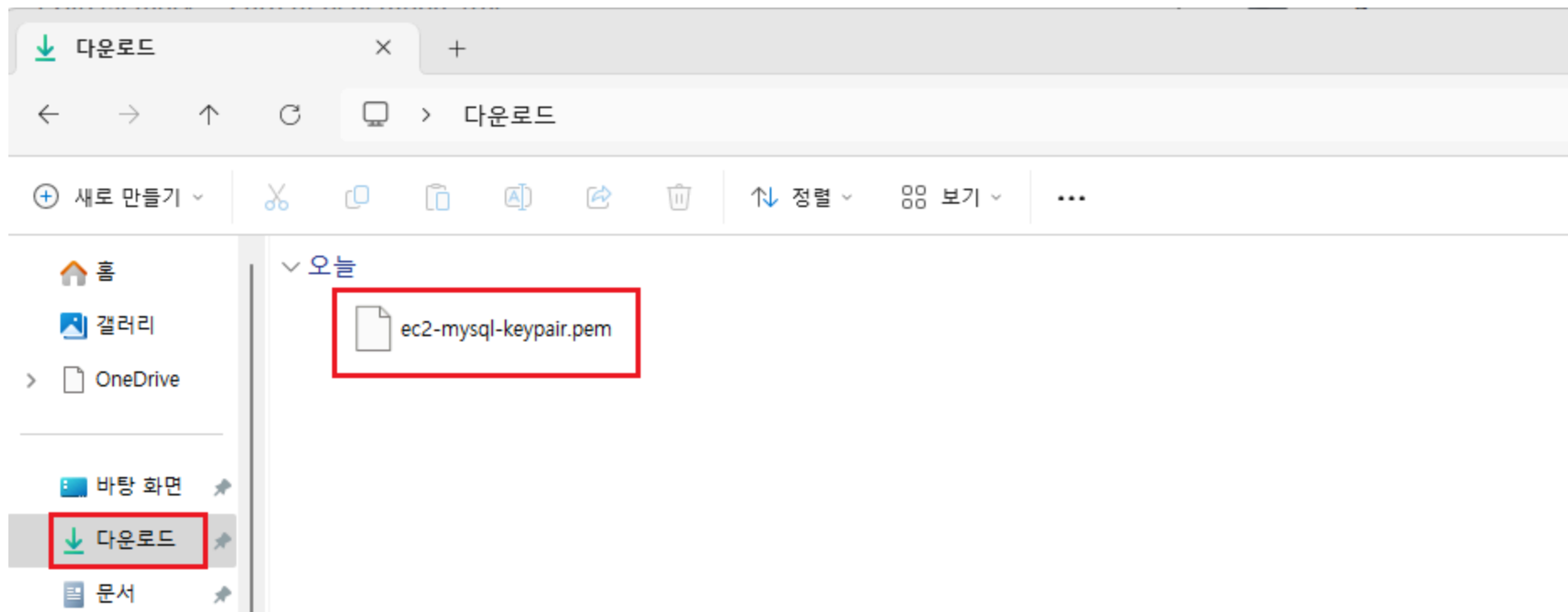
☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

Warning: When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

[Cancel](#) [Create key pair](#)

- pem 파일 확인



단계6: Network settings

Network | [Info](#)

vpc-0e092393ffbd671b9

Subnet | [Info](#)

No preference (Default subnet in any availability zone)

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

Enable

[Additional charges apply](#) when outside of [free tier allowance](#)

Firewall (security groups) | [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group

☒ Select existing security group

Common security groups | [Info](#)

Select security groups



☐ default

VPC: vpc-0e092393ffbd671b9

default

sg-0b8eb5ef628718991



[Compare security group rules](#)

[Advanced](#)

Network | [Info](#)

vpc-0e092393ffbd671b9

Subnet | [Info](#)

No preference (Default subnet in any availability zone)

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

Enable

[Additional charges apply](#) when outside of [free tier allowance](#)

Firewall (security groups) | [Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☐ Create security group

☒ Select existing security group

Common security groups | [Info](#)

Select security groups

default sg-0b8eb5ef628718991 ✕
VPC: vpc-0e092393ffbd671b9

 [Compare security group rules](#)

Security groups that you add or remove here will be added to or removed from all your network interfaces.

단계7: Launch instance

▼ **Configure storage** [Info](#)

Advanced

1x 8 GiB gp3 Root volume, 3000 IOPS, Not encrypted

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

0 x File systems

Edit

► **Advanced details** [Info](#)

Amazon Linux 2023 AMI 2023.1.2...[read more](#)
ami-0eb302fcc77c2f8bd

Virtual server type (instance type)
t2.micro

Firewall (security group)
default

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4

Cancel Launch instance Preview code

aws

Search

[Alt+S]

Asia Pacific (Seoul)

IAM

EC2

VPC

EMR

Elastic Container Service

CodePipeline

Aurora and RDS

CloudWatch

Amazon EventBridge

Lambda

S3

EC2

Instances

EC2

Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Instances (1) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Find Instance by attribute or tag (case-sensitive)

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
	ec2-mysql	i-0c26c9cfbe2fa2023	Running	t2.micro	2/2 checks passed	View alarms	ap-northeast-2c

단계8: Security Groups > Inbound rules 설정

EC2

<

Dashboard

EC2 Global View

Events

▶ Instances

▶ Images

▶ Elastic Block Store

▼ Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

▼ Load Balancing

Load Balancers

Target Groups

Trust Stores

Security Groups (1/1) [Info](#)

[Actions](#) [Export security groups to CSV](#) [Create security group](#)

< 1 >

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description
<input checked="" type="checkbox"/>	-	sg-0b8eb5ef628718991	default	vpc-0e092393ffbd671b9	default VPC security group

sg-0b8eb5ef628718991 - default

Details

Inbound rules

Outbound rules

Sharing - new

VPC associations - new

Tags

Inbound rules (4)

[Manage tags](#) [Edit inbound rules](#)

< 1 >

<input type="checkbox"/>	Name	Security group rule ID	IP version	Type	Protocol	Port range
<input type="checkbox"/>	-	sgr-017775408d286469d	IPv4	SSH	TCP	22
<input type="checkbox"/>	-	sqr-026396f85cd90c1ab	IPv4	MYSQL/Aurora	TCP	3306