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

```
L01_ubuntu
```
Add additional tags

▼ Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

🔍 Search our full catalog including 1000s of application and OS images

Quick Start

| macOS | Ubuntu | Windows | Red Hat | SUSE Linux | De |
| Mac | ubuntu® | ■ Microsoft | 🎩 Red Hat | SUSE | |

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type   Free tier eligible
ami-0a0e5d9c7acc336f1 (64-bit (x86)) / ami-070f589e4b4a3fece (64-bit (Arm))
Virtualization: hvm   ENA enabled: true   Root device type: ebs ▼

Description

Ubuntu Server 22.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).

Architecture   **AMI ID**
64-bit (x86) ▼   ami-0a0e5d9c7acc336f1   ✓ Verified provider

▼ Instance type Info | Get advice

Instance type

t2.micro   Free tier eligible
Family: t2   1 vCPU   1 GiB Memory   Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour ▼

⚪ All generations

Compare instance types

Additional costs apply for AMIs with pre-installed software

▼ 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

L01 ▼   🔄 Create new key pair

▼ Network settings Info

VPC - required | Info

vpc-02a2a2a7dfaa12243 (L01_20211866-vpc) ▼   🔄
14.0.0.0/16

Subnet | Info

subnet-0b82300bad8ce83a8   L01_20211866-subnet-public1-us-east-1a
VPC: vpc-02a2a2a7dfaa12243   Owner: 517740541852   Availability Zone: us-east-1a ▼   🔄 Create new subnet ⧉
Zone type: Availability Zone   IP addresses available: 4091   CIDR: 14.0.0.0/20

Auto-assign public IP | Info

Disable ▼

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

Security group name - required

```
launch-wizard-1
```
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - required | Info

```
launch-wizard-1 created 2024-08-27T13:27:05.041Z
```

Inbound Security Group Rules

▶ Security group rule 1 (TCP, 22, 0.0.0.0/0)   Remove

⚠ 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.   ✕

Add security group rule

▶ Advanced network configuration

▶ Configure storage Info   Advanced

▶ Advanced details Info

▶ Summary

Cancel   Launch instance

                                    Review commands