

Launch an instance

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

Name

govt-linux-web

Add additional tags

Application and OS Images (Amazon Machine Image)

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.

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

Recents

Quick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type
ami-0918f7e67a3323f0 / ami-02627835f0a5f5b0c (64-bit (ARM))
Virtualization: hvm - ENA enabled: true - Root device type: ebs

Free tier eligible

Description

Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Canonical, Ubuntu, 24.04, amd64 noble image

Architecture

AMI ID

Published Date

Username

64-bit (x86)

ami-0918f7e67a3323f0

2025-06-10

ubuntu

Verified provider

Instance type

Get advice

Summary

Number of instances

1

Software Image (AMI)

Canonical, Ubuntu, 24.04, amd64...read more
ami-0918f7e67a3323f0

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 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 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet. Data transfer charges are not included as part of the free tier allowance.

Cancel

Launch instance

Preview code

Instance type

t2.micro
Family: t2 - vCPU: 1 GiB Memory: Current generation: true On-Demand Windows base pricing: 0.017 USD per Hour
On-Demand RHEL base pricing: 0.0268 USD per Hour On-Demand Linux base pricing: 0.0124 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0142 USD per Hour On-Demand SUSE base pricing: 0.0124 USD per Hour

Free tier eligible

All generations

Compare instance types

Key pair (login)

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

WEB1

Create new key pair

Network settings

VPC - required

vpc-0939200da87274df
172.31.0.0/16

Subnet

subnet-077dae4850564c2db8
VPC: vpc-0939200da87274df Owner: 567749996020 Availability Zone: ap-south-1b (apt1-acc)
Zone type: Availability Zone IP address ranges available: 4091 CIDR: 172.31.0.0/20

Auto-assign public IP

Enable

Firewall (security groups)

Create security group

Select existing security group

Security group name - required

launch-wizard-1

Description - required

launch-wizard-1 created 2025-06-21T12:02:32.836Z

Inbound Security Group Rules

Summary

Number of instances

1

Software Image (AMI)

Canonical, Ubuntu, 24.04, amd64...read more
ami-0918f7e67a3323f0

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 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 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet. Data transfer charges are not included as part of the free tier allowance.

Cancel

Launch instance

Preview code

Type

ssh

Protocol

TCP

Port range

22

Source type

Anywhere

Source

0.0.0.0/0

Description - optional

e.g. SSH for admin desktop

Security group rule 2 (TCP: 80, 0.0.0.0/0)

Remove

Type

HTTP

Protocol

TCP

Port range

80

Source type

Anywhere

Source

0.0.0.0/0

Description - optional

e.g. SSH for admin desktop

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

1x 10 GiB gp3 Root volume, 3000 IOPS, Not encrypted

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

Add new volume

The selected AMI contains instance store volumes, however the instance does not allow any instance store volumes. None of the instance store volumes from the AMI will be accessible from the instance

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.

Summary

Number of instances

1

Software Image (AMI)

Canonical, Ubuntu, 24.04, amd64...read more
ami-0918f7e67a3323f0

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 10 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 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of snapshots, and 100 GiB of bandwidth to the internet. Data transfer charges are not included as part of the free tier allowance.

Cancel

Launch instance

Preview code

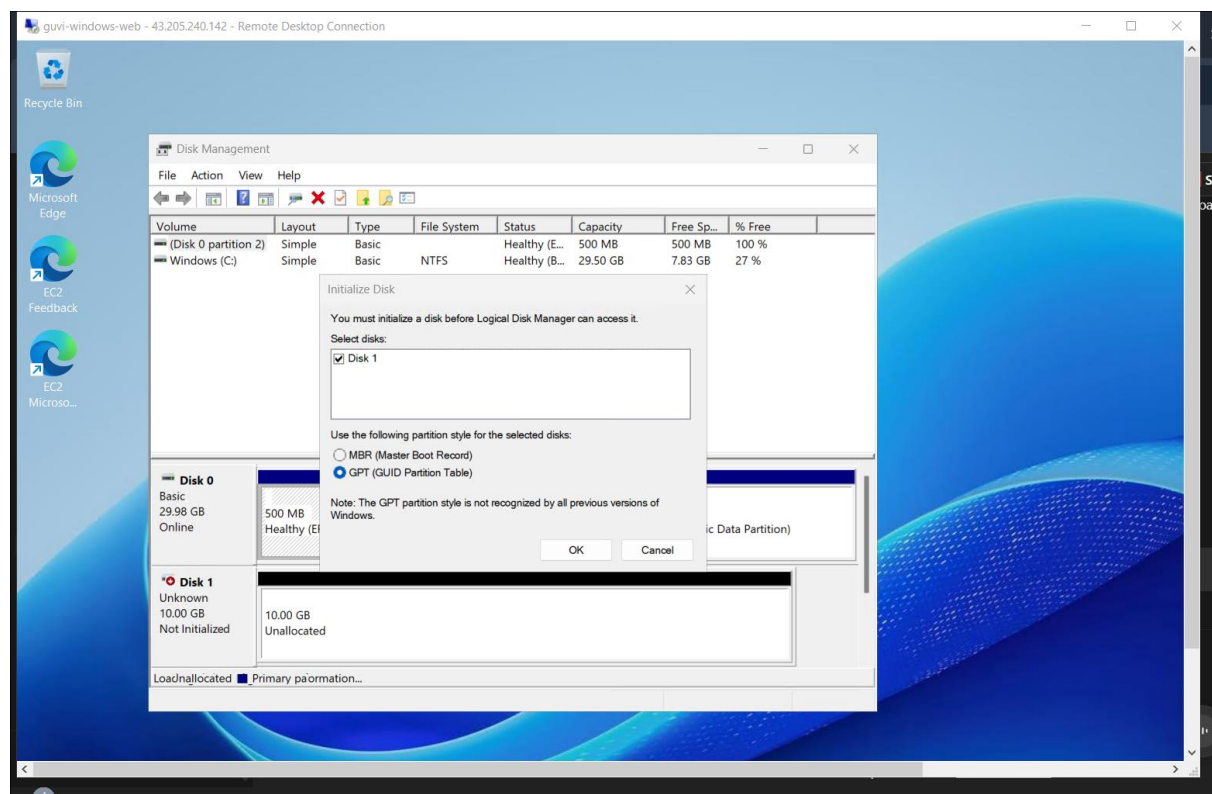
```
ubuntu@ip-10-0-0-73: ~/data
LABEL=cloudimg-rootfs / ext4 discard,commit=30,errors=remount-ro 01
LABEL=BOOT /boot ext4 defaults 0 2
LABEL=UEFI /boot/efi vfat umask=0077 0 1
UUID=ebc63595-627e-4047-a766-1b7a112c61b7 /data ext4 defaults,nofail 0 2
```

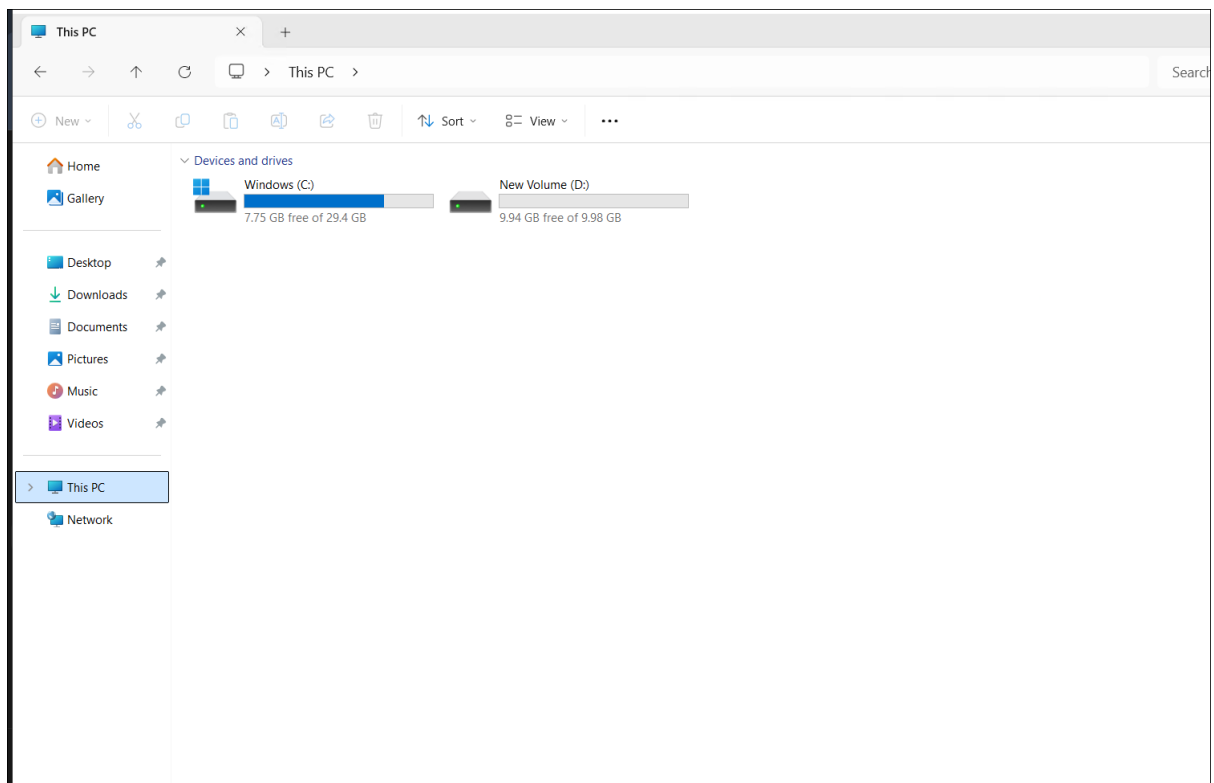
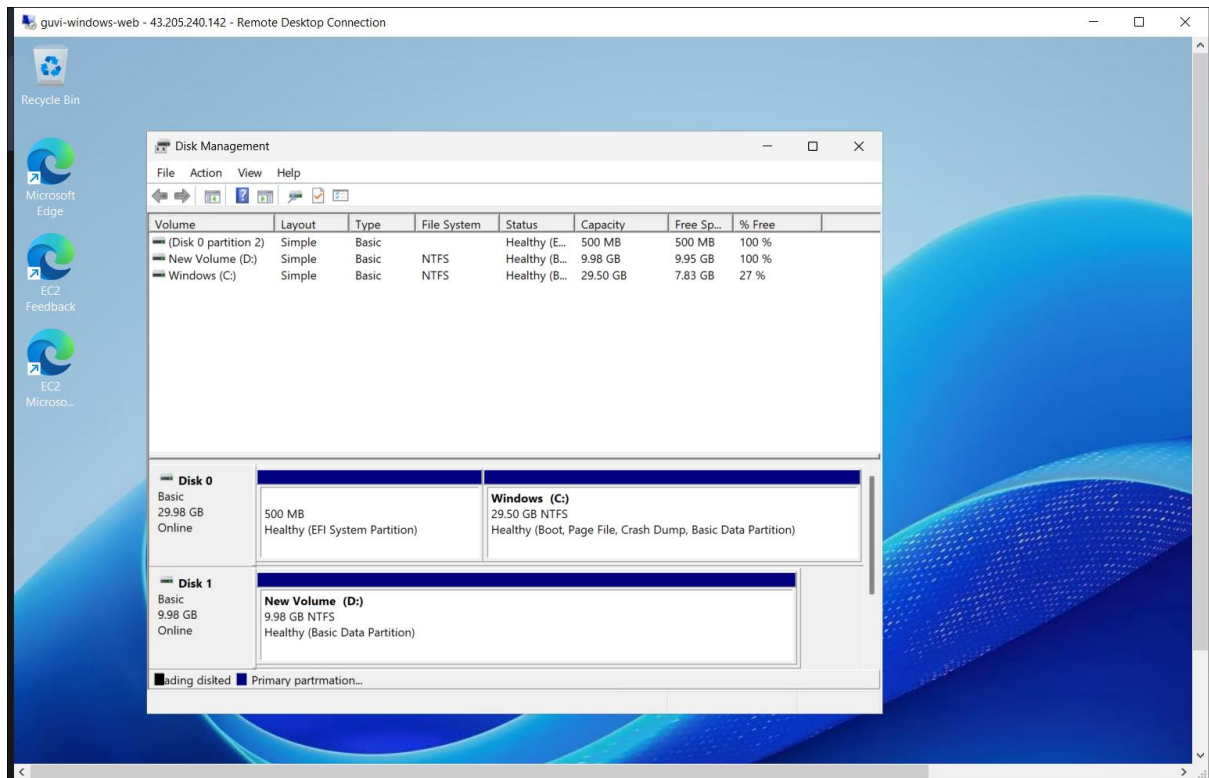
```
ubuntu@ip-10-0-0-73: ~/data
ubuntu@ip-10-0-0-73:~$ ls
data
ubuntu@ip-10-0-0-73:~$ cd data
ubuntu@ip-10-0-0-73:~/data$ ls
hello.txt
ubuntu@ip-10-0-0-73:~/data$ sudo vi /etc/fstab
ubuntu@ip-10-0-0-73:~/data$ df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/root        11G   1.8G   8.9G  17% /
tmpfs            479M    0   479M   0% /dev/shm
tmpfs            192M  876K   191M   1% /run
tmpfs            5.0M    0   5.0M   0% /run/lock
/dev/xvda16      881M   86M   734M  11% /boot
/dev/xvda15      105M   6.2M    99M   6% /boot/efi
tmpfs            96M   12K    96M   1% /run/user/1000
/dev/xvdbf       9.8G   24K   9.3G   1% /data
ubuntu@ip-10-0-0-73:~/data$ sudo systemctl daemon-reload
ubuntu@ip-10-0-0-73:~/data$ sudo mount -a
ubuntu@ip-10-0-0-73:~/data$ sudo mkdir -p /data
ubuntu@ip-10-0-0-73:~/data$
```

```

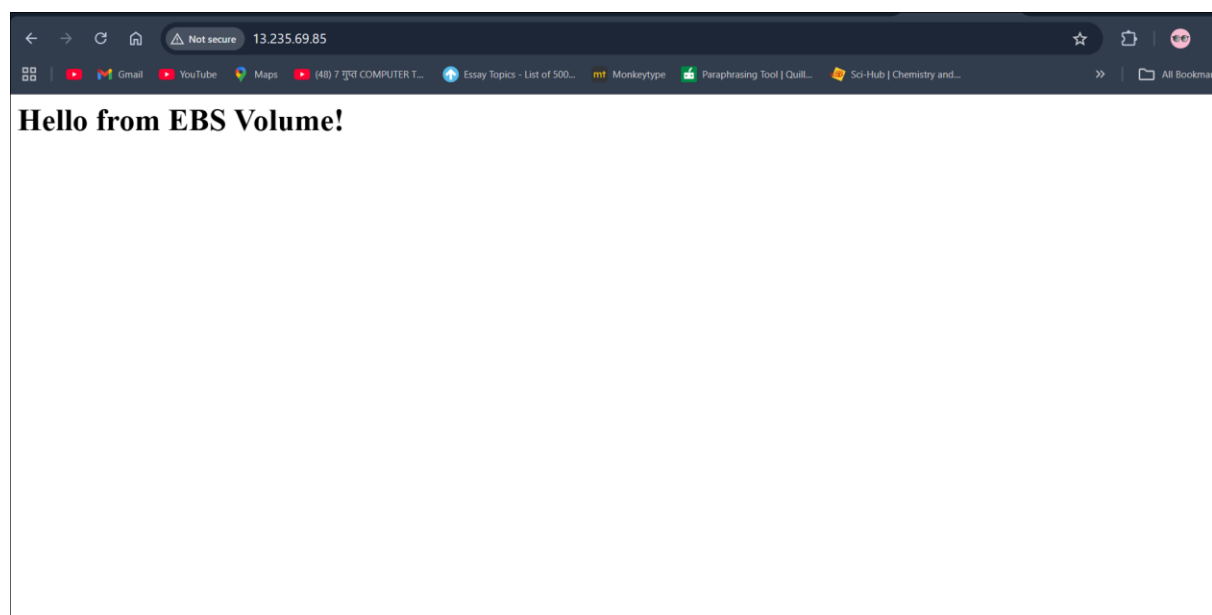
ubuntu@ip-10-0-0-73: ~/data
ubuntu@ip-10-0-0-73:~/data$ sudo mkfs -t ext4 /dev/xvdbf
mkfs2fs 1.47.0 (5-Feb-2023)
/dev/xvdbf is mounted; will not make a filesystem here!
ubuntu@ip-10-0-0-73:~/data$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
loop0       7:0      0   27.2M 1 loop /snap/amazon-ssm-agent/11320
loop1       7:1      0   73.9M 1 loop /snap/core22/1981
loop2       7:2      0   50.9M 1 loop /snap/snapd/24505
xvda        202:0    0    12G  0 disk
├─xvda1     202:1    0    11G  0 part /
├─xvda14    202:14   0     4M  0 part
├─xvda15    202:15   0   106M  0 part /boot/efi
└─xvda16    259:0    0   913M  0 part /boot
xvdbf       202:14592 0    10G  0 disk /data
ubuntu@ip-10-0-0-73:~/data$

```





```
ubuntu@ip-172-31-0-133:~$ sudo systemctl restart apache2
ubuntu@ip-172-31-0-133:~$ sudo chown -R www-data:www-data /data
SS /data$ sudo chown -R 755 /data$ sudo chown -R www-data:www-data /data
ubuntu@ip-172-31-0-133:~$ sudo chown -R 755 /data
ubuntu@ip-172-31-0-133:~$ sudo nano /etc/apache2/apache2.conf
ubuntu@ip-172-31-0-133:~$ ubuntu@ip-172-31-0-133:~$ sudo systemctl restart apache2
ubuntu@ip-172-31-0-133:~$
```



Create snapshot [Info](#)

Create a point-in-time snapshot of an EBS volume and use it as a baseline for new volumes or for data backup. You can create snapshots from an individual volume, or you can create multi-volume snapshots from all of the volumes attached to an instance.

Source

Resource type [Info](#)

☒ Volume

Create a snapshot from a specific volume.

☐ Instance

Create multi-volume snapshots from an instance.

Volume ID

The volume from which to create the snapshot.

vol-0a31ed2ec324145c6 (guvi-data-linux)

⌵

⌵

Snapshot details

Description

Add a description for your snapshot.

guvi-snap-data

235 characters maximum

Encryption [Info](#)

Not encrypted

Tags [Info](#)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

Add tag

You can add 50 more tags.

[Cancel](#) [Create snapshot](#)