

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

MyLinux

[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

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

Recents

[Quick Start](#)

Amazon

macOS

Ubuntu

Windows

Red Hat

SUSE Li

▼ Summary

Number of instances [Info](#)

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...[read more](#)
ami-0ed828ae690ef8b35

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

[i](#) **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) Instance usage on Free tier AMIs per Region

Cancel

[Launch instance](#)

[Review commands](#)

Launch an instance | EC2 Manage x

D1 Create an EC2 Instance With E x

+

ap-southeast-2.console.aws.amazon.com/ec2/home?region=ap-southeast-2#LaunchInstances:

Gmail YouTube Maps AWS Management... GitHub Cloud Intern Task 2...

Services

Search

[Alt+S]

Sydney ss.deepthee-deepu@gmail.com

Network settings

Network Info

vpc-0d7a41f8df27256f5

Subnet Info

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

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

We'll create a new security group called 'launch-wizard-5' with the following rules:

Allow SSH traffic from

Helps you connect to your instance

Anywhere

0.0.0.0/0

Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

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.

Configure storage Info

Advanced

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2023 AMI 2023.1.2...read more

ami-0ed828ae690ef8b35

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) Instance usage as free tier AMIs are

Cancel

Launch instance

Review commands

CloudShell Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

34°C Near record

Search

ENG IN

12:00 14-07-2023

- New EC2 Experience
- EC2 Dashboard
- EC2 Global View
- Events
- Instances
 - Instances
 - Instance Types
 - Launch Templates
 - Spot Requests
 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts
 - Capacity Reservations
- Images
 - AMIs
 - AMI Catalog
- Elastic Block Store
 - Volumes
 - Snapshots
 - Lifecycle Manager

Instances (1/8) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4
<input type="checkbox"/>	-	i-0e0baa381a7607271	Running	t2.micro	2/2 checks passed	No alarms	ap-southeast-2a	ec2-3-25-213-122.ap-s...	3.25.213.122
<input type="checkbox"/>	linux	i-001e97c9f4720dfc5	Stopped	t2.micro	-	No alarms	ap-southeast-2c	-	-
<input type="checkbox"/>	linux	i-09ff381b3eae789d8	Stopped	t2.micro	-	No alarms	ap-southeast-2c	-	-
<input checked="" type="checkbox"/>	linux1	i-0d1357210f3815379	Pending	t2.micro	-	No alarms	ap-southeast-2c	-	-
<input type="checkbox"/>	-	i-073e23943bdf5af08	Stopped	t2.micro	-	No alarms	ap-southeast-2c	-	-
<input type="checkbox"/>	-	i-0f0866c495ae3a87f	Running	t2.micro	2/2 checks passed	No alarms	ap-southeast-2c	ec2-3-26-144-41.ap-so...	3.26.144.41

Instance: i-0d1357210f3815379 (linux1)

IAM Role

-

Owner ID

238443730399

Launch time

Fri Jul 14 2023 09:41:26 GMT+0530 (India Standard Time)

Security groups

sg-0ce0961b17f221c7b (launch-wizard-1)

Inbound rules

Filter rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups	Des
-	sgr-03a67651b3d0b472e	22	TCP	0.0.0.0/0	launch-wizard-1	-

EC2 > Instances > i-0273ebcb6af0afd38 > Get Windows password

Get Windows password [Info](#)

Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.

Instance ID

i-0273ebcb6af0afd38 (Windows1)

Key pair associated with this instance

US-EAST-sd

Private key

Either upload your private key file or copy and paste its contents into the field below.

Upload private key file

US-EAST-sd.pem

1.678KB

Private key contents - optional

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpgIBAAKCAQEA4SL0xHY71+LRvfKYSUEwG15XnildNsQFDYUz+ZupIBRvgR+D
4dD1d26O15cFn7JTp6uCQTj9oBbgfOVtgxpQKA0QFn3UrHcXs3u7CUJut7lfcInh
84vvT1b7/pAhdzUnYZaV3y8BeLO9slgVjTr2LS4ZsClhvr6kPMOMS+XdxpR8S07C
1/Vh7v7jMV2OPRMAqwlB3pL0gsa1yJJPqsPmqbGvRjt1TxSKMGMLIQOVp/qZEWbt
p98+GxAR0bUdJ47jUnoJX2eXtUxQGA8TeiSloe4MW9p45OhXJA0FUykY0qplDnck
byDxb21OoexTo8IMMWLhMJP5mmaqoSeAqixJrQIDAQABAQCNZ9JLD2QY/dr1
Ml6BrFMVTMpFif7kXyFg05hIn++DObKrbGr+S6vRnvxTBwU+P9hxSLUgWDZc9eF8
```


Connect to instance | EC2 Manag

Cloud Intern Task 2023 - Google

Online Java Compiler - online ed

ap-southeast-2.console.aws.amazon.com/ec2/home

Gmail YouTube Maps AWS Management...

aws Services Search

IAM EC2 S3

i-0273ebcb6af0afd38 (Windows1)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

You can connect to your Windows instance using a remote desktop running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following de

Public DNS copied

ec2-54-79-199-31.ap-southeast-2.compute.amazonaws.com

Password

PEL5G4*9fbctYb@?zT5r7GEQTfBX9q

If you've joined your instance to a directory, you can use y instance.

CloudShell Feedback Language


34°C Mostly cloudy

Remote Desktop

PCs

Feedback Add Settings

Saved PCs



Administrator

1 6 55

Search

ENG IN

12:33 15-07-2023

Connect to instance | EC2 Manag

Cloud Intern Task 2023 - Google

Online Java Compiler - online edi

ap-southeast-2.console.aws.amazon.com/ec2/home

Gmail YouTube Maps AWS Management... GitHub

aws Services Search

IAM EC2 S3

i-0273ebcb6af0afd38 (Windows1)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

You can connect to your Windows instance using a remote desktop running the RDP shortcut file below:

Download remote desktop file

When prompted, connect to your instance using the following de

Public DNS copied

ec2-54-79-199-31.ap-southeast-2.compute.amazonaws.com

Password

)P.EL5G4*9fbctYb@?zT5r7GEQTfBX9q

If you've joined your instance to a directory, you can use y instance.

CloudShell Feedback Language

34°C Mostly cloudy

Search

1 6

5

6


ENG IN

12:33 15-07-2023

Remote Desktop

PCs

Saved PCs



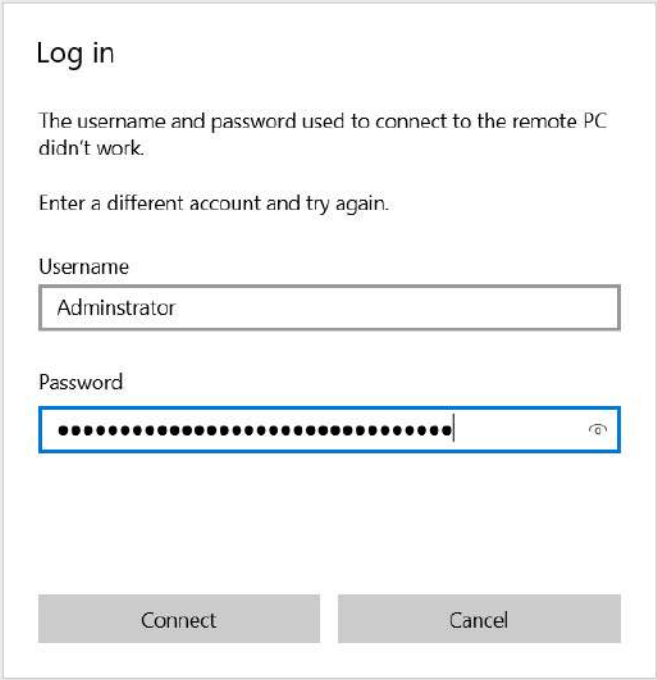
Administrator

Edit

Remove

Start in this window

Pin to Start



Volumes | EC2 Management Console

Cloud Intern Task 2023 - Google

Online Java Compiler - online editor

Create and attach EBS volume to EC2 instance

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:

GmailYouTubeMapsAWS Management ConsoleGitHubCloud Intern Task 2023

aws

Services

Search

[Alt+S]

IAM

EC2

S3

New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

Volumes (1) Info

Search

	Name	Volume ID	Type	Size
<input type="checkbox"/>	-	vol-04f70c84aa5a35d47	gp3	8 GiB

Select a volume above

US East (N. Virginia)us-east-1

US East (Ohio)us-east-2

US West (N. California)us-west-1

US West (Oregon)us-west-2

Asia Pacific (Mumbai)ap-south-1

Asia Pacific (Osaka)ap-northeast-3

Asia Pacific (Seoul)ap-northeast-2

Asia Pacific (Singapore)ap-southeast-1

Asia Pacific (Sydney)ap-southeast-2

Asia Pacific (Tokyo)ap-northeast-1

Canada (Central)ca-central-1

Europe (Frankfurt)eu-central-1

Europe (Ireland)eu-west-1

Create volume

< 1 >

Created

2023/07/08

CloudShellFeedbackLanguage

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

35°C Mostly cloudy

Search

15-07-2023 13:07

Create volume [Info](#)

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

Volume settings

Volume type [Info](#)

General Purpose SSD (gp2)

Size (GiB) [Info](#)

20

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS [Info](#)

100 / 3000

Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s) [Info](#)

Not applicable

Availability Zone [Info](#)

us-east-1a

Availability Zone [Info](#)

us-east-1a

Snapshot ID - optional [Info](#)

Don't create volume from a snapshot

Encryption [Info](#)

Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.

☐ Encrypt this volume

Tags - optional [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 volume

Successfully created volume vol-08707aa9af3c42df2.

Volumes (1/2) Info

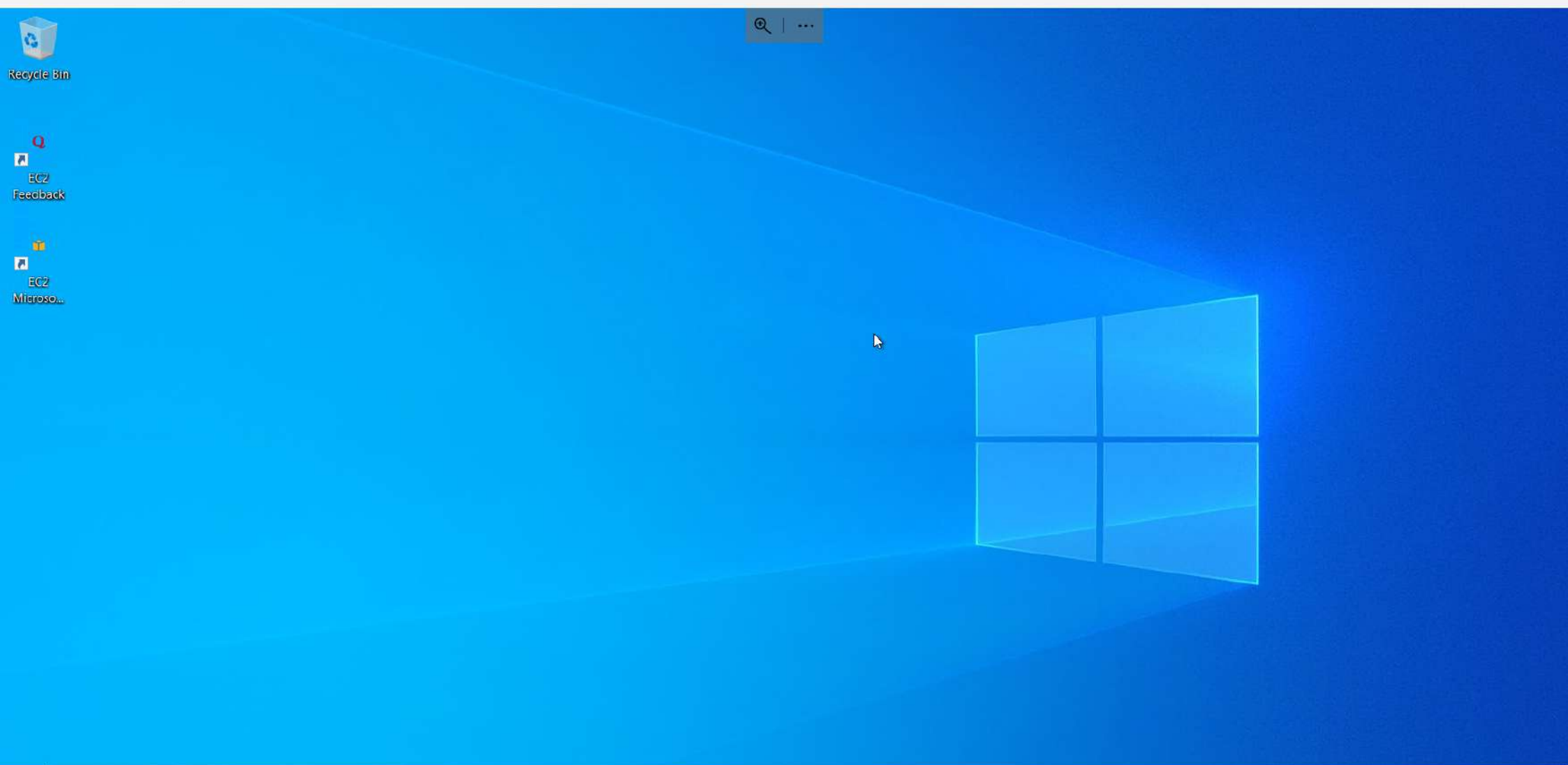
Search

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	-	vol-04f70c84aa5a35d47	gp3	8 GiB	3000	125	snap-0d80fb7...	2023/07/0
<input checked="" type="checkbox"/>	-	vol-08707aa9af3c42df2	gp2	20 GiB	100	-	-	2023/07/1

Volume ID: vol-08707aa9af3c42df2

Details Status checks Monitoring Tags

Volume ID vol-08707aa9af3c42df2	Size 20 GiB	Type gp2	Volume status ✓ Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state Creating	IOPS 100	Throughput -
Encryption	KMS key ID	KMS key alias	KMS key ARN





Recycle Bin



EC2
Feedback



EC2
Microso...

Disk Management

File Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Sp...	% Free
(C:)	Simple	Basic	NTFS	Healthy (S...	30.00 GB	15.52 GB	52 %

Disk 0
Basic
30.00 GB
Online

(C:)
30.00 GB NTFS
Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)

■ Unallocated ■ Primary partition

Hostname : EC2AMAZ-MGP8U52
Instance ID : i-0273ebcb6af0afd38
Private IP Address : 172.31.9.49
Public IP Address : 54.79.199.31
Instance Size : t2.micro
Availability Zone : ap-southeast-2a
Architecture : AMD64
Total Memory : 1024
Network : Low to Moderate

Type here to search



7:32 AM
7/15/2023

35°C
Mostly cloudy



ENG IN 13:02
15-07-2023