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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

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Amazon Linux

macOS

Ubuntu

Windows

Red Hat

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Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
ami-04581bf744a7d11f (64-bit (x86)) / ami-0ef1cf6b946f12499 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20230320.0 x86_64 HVM gp2

Architecture

AMI ID

64-bit (x86)

ami-04581bf744a7d11f

Verified provider

Summary

Number of instances Info

1

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more
ami-04581bf744a7d11f

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 on free tier AMIs per month, 30 GiB of EBS storage.

CancelLaunch instance

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Instance type Info

Instance type

t2.micro

Family: t2 - 1 vCPU - 1 GiB Memory

On-Demand Windows pricing: \$0.0162 USD per Hour

On-Demand SUSE pricing: \$0.0118 USD per Hour

On-Demand RHEL pricing: \$0.0210 USD per Hour

On-Demand Linux pricing: \$0.0110 USD per Hour

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure the instance.

Key pair name - required

Select

Network settings Info

Network info

Create key pair

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. 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

Key pair name

reactjs

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 (Not supported for Windows instances)

Private key file format

☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

CancelCreate key pair

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Network Info

vpc-0877f8000611d0c9c

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-14' 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.

Summary

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CancelLaunch instance

aws

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-0c20c02d89a8b13e6)

Launch log

Next Steps - preview

What would you like to do next with this instance, for example "create alarm" or "create backup"

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.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

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 a new RDS database

Learn more

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

aws

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New EC2 Experience

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Successfully terminated i-0e33ce383f38c61fb,i-059196f0b435ffcd4

EC2 > Instances > i-0c20c02d89a8b13e6

Instance summary for i-0c20c02d89a8b13e6 (ec2react-js)

Updated less than a minute ago

Connect

Instance state

Actions

Instance ID

i-0c20c02d89a8b13e6 (ec2react-js)

Public IPv4 address

44.203.11.77 | open address

Private IPv4 addresses

172.31.7.124

Instance state

Running

Public IPv4 DNS

ec2-44-203-11-77.compute-1.amazonaws.com | open address

IPv6 address

-

Hostname type

IP name: ip-172-31-7-124.ec2.internal

Private IP DNS name (IPv4 only)

ip-172-31-7-124.ec2.internal

Answer private resource DNS name

IPv4 (A)

Instance type

t2.micro

Auto-assigned IP address

44.203.11.77 [Public IP]

VPC ID

vpc-0877f8000611d0c9c

Elastic IP addresses

-

IAM Role

-

Subnet ID

subnet-0f4aea7145b65ffa3

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations.

Learn more

Auto Scaling Group name

-

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance details

Platform

AMI ID

Monitoring

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EC2 > Instances > i-0c20c02d89a8b13e6 > Connect to instance

Connect to instance

Connect to your instance i-0c20c02d89a8b13e6 (ec2react-js) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID

i-0c20c02d89a8b13e6 (ec2react-js)

Public IP address

44.203.11.77

User name

Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.

ec2-user

Note: In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

Connect

```
root@ip-172-31-4-109:/home/ x + v
ED25519 key fingerprint is SHA256:NptMAjn9cmui+rsdeiVoZIIxJ5vqIZqC/Utru6GfvqQ.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-44-211-98-184.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

  ____      _
 / ___|  __/ | | | |
| |  | | | | | | | |
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|_|  |_| |_| |_| |_|

Amazon Linux 2023

https://aws.amazon.com/linux/amazon-linux-2023

Last login: Sat Mar 25 08:49:15 2023 from 18.206.107.29
[ec2-user@ip-172-31-4-109 ~]$ sudo su
[root@ip-172-31-4-109 ec2-user]# yum install nodejs
Amazon Linux 2023 repository
Amazon Linux 2023 Kernel Livepatch repository
Dependencies resolved.
=====
Package Architecture Version Repository Size
=====
Installing:
nodejs x86_64 1:18.12.1-1.amzn2023.0.3 amazonlinux 99 k
Installing dependencies:
libbrotli x86_64 1.0.9-4.amzn2023.0.2 amazonlinux 315 k
nodejs-libs x86_64 1:18.12.1-1.amzn2023.0.3 amazonlinux 14 M
Installing weak dependencies:
nodejs-docs noarch 1:18.12.1-1.amzn2023.0.3 amazonlinux 7.2 M
nodejs-full-i18n x86_64 1:18.12.1-1.amzn2023.0.3 amazonlinux 8.2 M
npm x86_64 1:8.19.2-1.18.12.1.1.amzn2023.0.3 amazonlinux 2.0 M
Transaction Summary
=====
Install 6 Packages

Total download size: 31 M
Installed size: 168 M
Is this ok [y/N]: |
```

```
root@ip-172-31-4-109:/home/ x + v
Complete!
[root@ip-172-31-4-109 ec2-user]# yum install git
Last metadata expiration check: 0:02:54 ago on Sat Mar 25 08:50:28 2023.
Dependencies resolved.
=====
Package Architecture Version Repository Size
=====
Installing:
git x86_64 2.39.2-1.amzn2023.0.1 amazonlinux 68 k
Installing dependencies:
git-core x86_64 2.39.2-1.amzn2023.0.1 amazonlinux 4.2 M
git-core-doc noarch 2.39.2-1.amzn2023.0.1 amazonlinux 2.6 M
perl-Error noarch 1:0.17029-5.amzn2023.0.2 amazonlinux 41 k
perl-File-Find noarch 1.37-477.amzn2023.0.3 amazonlinux 27 k
perl-Git noarch 2.39.2-1.amzn2023.0.1 amazonlinux 45 k
perl-TermReadKey x86_64 2.38-9.amzn2023.0.2 amazonlinux 36 k
perl-lib x86_64 0.65-477.amzn2023.0.3 amazonlinux 16 k
Transaction Summary
=====
Install 8 Packages

Total download size: 7.1 M
Installed size: 33 M
Is this ok [y/N]: y
Downloading Packages:
(1/8): perl-lib-0.65-477.amzn2023.0.3.x86_64.rpm 240 kB/s | 16 kB 00:00
(2/8): git-2.39.2-1.amzn2023.0.1.x86_64.rpm 905 kB/s | 68 kB 00:00
(3/8): perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64.rpm 2.5 MB/s | 36 kB 00:00
(4/8): git-core-2.39.2-1.amzn2023.0.1.x86_64.rpm 31 MB/s | 4.2 MB 00:00
(5/8): perl-Git-2.39.2-1.amzn2023.0.1.noarch.rpm 761 kB/s | 45 kB 00:00
(6/8): perl-Error-0.17029-5.amzn2023.0.2.noarch.rpm 2.8 MB/s | 41 kB 00:00
(7/8): perl-File-Find-1.37-477.amzn2023.0.3.noarch.rpm 600 kB/s | 27 kB 00:00
(8/8): git-core-doc-2.39.2-1.amzn2023.0.1.noarch.rpm 13 MB/s | 2.6 MB 00:00
Total 20 MB/s | 7.1 MB 00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
```

```
root@ip-172-31-4-109:/home/ x + v
Verifying : perl-lib-0.65-477.amzn2023.0.3.x86_64 1/8
Verifying : git-core-2.39.2-1.amzn2023.0.1.x86_64 2/8
Verifying : git-2.39.2-1.amzn2023.0.1.x86_64 3/8
Verifying : perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 4/8
Verifying : git-core-doc-2.39.2-1.amzn2023.0.1.noarch 5/8
Verifying : perl-Git-2.39.2-1.amzn2023.0.1.noarch 6/8
Verifying : perl-File-Find-1.37-477.amzn2023.0.3.noarch 7/8
Verifying : perl-Error-1:0.17029-5.amzn2023.0.2.noarch 8/8

Installed:
git-2.39.2-1.amzn2023.0.1.x86_64 git-core-2.39.2-1.amzn2023.0.1.x86_64 git-core-doc-2.39.2-1.amzn2023.0.1.noarch
perl-Error-1:0.17029-5.amzn2023.0.2.noarch perl-File-Find-1.37-477.amzn2023.0.3.noarch perl-Git-2.39.2-1.amzn2023.0.1.noarch
perl-TermReadKey-2.38-9.amzn2023.0.2.x86_64 perl-lib-0.65-477.amzn2023.0.3.x86_64

Complete!
[root@ip-172-31-4-109 ec2-user]# git clone https://github.com/snehal-herovired/Devops_Batch_Aditya
Cloning into 'Devops_Batch_Aditya'...
remote: Enumerating objects: 5615, done.
remote: Counting objects: 100% (130/130), done.
remote: Compressing objects: 100% (119/119), done.
remote: Total 5615 (delta 12), reused 109 (delta 7), pack-reused 5485
Receiving objects: 100% (5615/5615), 464.68 MiB | 29.71 MiB/s, done.
Resolving deltas: 100% (748/748), done.
[root@ip-172-31-4-109 ec2-user]# ls
Devops_Batch_Aditya
[root@ip-172-31-4-109 ec2-user]# cd Devops_Batch_Aditya/
[root@ip-172-31-4-109 Devops_Batch_Aditya]# ls
'Amazon static webpage' DockerDesktop.png 'New Text Document.txt' cloud_computing.png nodejs virtualization.png
'Cloud introduction.txt' 'Git and github.txt' 'Untitled.png' github.png pythonflask virtualization_linux.txt
Docker.png Jenkins.png amazonreact leanring.txt sample.py
Docker.txt LearningGit ci-cd_bash_cron.png linuxCommand.txt somelinuxcommand.png
[root@ip-172-31-4-109 Devops_Batch_Aditya]# cd amazonreact/
[root@ip-172-31-4-109 amazonreact]# npm install
npm WARN old lockfile
npm WARN old lockfile The package-lock.json file was created with an old version of npm,
npm WARN old lockfile so supplemental metadata must be fetched from the registry.
npm WARN old lockfile
npm WARN old lockfile This is a one-time fix-up, please be patient...
npm WARN old lockfile
npm WARN old lockfile
( ) b idealTree:inflate:node_modules/babel-plugin-jest-hoist: sill inflate node_modules/babel-plugin-jest-hoist
```

```
Compiled with warnings.

[eslint]
src/components/Subheader/Subheader.js
  Line 11:9:  'hoverstyle' is assigned a value but never used  no-unused-vars
  Line 15:11: 'handleHoverin' is assigned a value but never used  no-unused-vars
  Line 18:11: 'handleHoverout' is assigned a value but never used  no-unused-vars

Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.

WARNING in [eslint]
src/components/Subheader/Subheader.js
  Line 11:9:  'hoverstyle' is assigned a value but never used  no-unused-vars
  Line 15:11: 'handleHoverin' is assigned a value but never used  no-unused-vars
  Line 18:11: 'handleHoverout' is assigned a value but never used  no-unused-vars

webpack compiled with 1 warning
```

```
Compiled successfully!

You can now view amazonreact in the browser.

  Local:            http://localhost:3001
  On Your Network:  http://172.31.29.143:3001

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```

