

EC2 > Instances > Launch an instance

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Linux

Debian

aws

Mac

ubuntu

Microsoft

Red Hat

SUSE

debian

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

ami-0e1bed4f06a3b463d (64-bit (x86)) / ami-0485c8c0dadf51233 (64-bit (Arm))

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

Free tier eligible

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type

ami-04b4f1a9cf54c11d0 (64-bit (x86)) / ami-0a7a4e87939439934 (64-bit (Arm))

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

Free tier eligible

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type

ami-0e1bed4f06a3b463d (64-bit (x86)) / ami-0485c8c0dadf51233 (64-bit (Arm))

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

Free tier eligible

Ubuntu Server 22.04 LTS (HVM) with Server 2022 Standard

ami-051027b61544b3d11 (64-bit (x86)) / ami-0485c8c0dadf51233 (64-bit (Arm))

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

Free tier eligible

Ubuntu Pro - Ubuntu Server Pro 24.04 LTS (HVM), SSD Volume Type

ami-0ff20c640f06d85cf (64-bit (x86)) / ami-0485c8c0dadf51233 (64-bit (Arm))

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

Free tier eligible

▼ Instance type

t2.micro

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

On-Demand Windows base pricing: 0.0162 USD per Hour

On-Demand Ubuntu Pro base pricing: 0.0134 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

Free tier eligible

All generations

Compare instance types

▼ Summary

Number of instances

1

Software Image (AMI)

Canonical, Ubuntu, 22.04, amd64...read more

ami-0e1bed4f06a3b463d

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, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel

Launch instance

Preview code

CloudShell

Feedback

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EC2 > Instances > Launch an instance

jenkins_key

Create new key pair

▼ Network settings

Network

vpc-04d7f4727f5262cdf | main

Subnet

No preference (Default subnet in any availability zone)

Auto-assign public IP

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups)

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

Select security groups

Myprojectjenkins sg-04ac7dc75e1f54b3a

Compare security group rules

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

▼ Configure storage

1x 8 GiB gp2

Root volume (Not encrypted)

▼ Summary

Number of instances

1

Software Image (AMI)

Canonical, Ubuntu, 22.04, amd64...read more

ami-0e1bed4f06a3b463d

Virtual server type (instance type)

t2.micro

Firewall (security group)

Myprojectjenkins

Storage (volumes)

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Launch instance

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The screenshot shows the AWS Management Console 'Instances' page. On the left is a navigation menu with options like Dashboard, EC2 Global View, Events, Instances, Images, Elastic Block Store, and Network & Security. The main area displays a table of instances. One instance, 'dob-container', is highlighted with a blue arrow pointing to its ID 'i-0bbc35a0e5bf195b4'. The instance is in the 'Running' state, using the 't2.micro' instance type. Above the table, there are filters and a search bar. At the bottom of the console, there is a 'CloudShell' button and a copyright notice for Amazon Web Services.

```
deeeeye@Dees-MacBook-Pro key % ssh -i "jenkins_key.pem" ubuntu@ec2-54-224-222-74
The authenticity of host 'ec2-54-224-222-74.compute-1.amazonaws.com (54.224.224.224)' can't be
established. RSA fingerprint is SHA256:0W1PwdfhRAQfU+YUqS3eiCQusGPE18A2+ZFWF6iZ898.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-224-222-74.compute-1.amazonaws.com' (ED25519) to the list of
known hosts.
Welcome to Ubuntu 22.04.5 LTS (GNU/Linux 6.8.0-1021-aws x86_64)
```

```
ubuntu@ip-172-31-23-158:~$ sudo -i
root@ip-172-31-23-158:~# apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [128 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [127 kB]
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [129 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [2278 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [383 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1183 kB]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [289 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [26.4 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [44.5 kB]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [11.5 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [440 B]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.7 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.1 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [30.0 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.6 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [672 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:27 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [2041 kB]
Get:28 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [321 kB]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [960 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [205 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [19.5 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.6 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [8260 B]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [224 B]
Fetched 28.7 MB in 9s (3164 kB/s)
```

```
root@ip-172-31-23-158:~# apt install docker.io
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-doc rinse zfs-fuse | zfsutils
The following NEW packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base docker.io pigz runc ubuntu-fan
0 upgraded, 8 newly installed, 0 to remove and 20 not upgraded.
Need to get 75.5 MB of archives.
After this operation, 284 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

```
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS        NAMES
root@ip-172-31-23-158:~# docker run -itd --name devops-bot -p 4102:4102 devopsbotofficial/devops-bot:latest
Unable to find image 'devopsbotofficial/devops-bot:latest' locally
latest: Pulling from devopsbotofficial/devops-bot
6414378b6477: Pull complete
fa512f0f4cbc: Pull complete
198562958b79: Pull complete
c7625f578a2f: Pull complete
23d7f7b1c6b0: Pull complete
059d7107387c: Pull complete
e5ee50f80e97: Pull complete
ae3510e8e4e5: Pull complete
Digest: sha256:231195b2edf5f7fc506a1c8d5aba17b72225ed41e49cca6281e312ae241a9540
Status: Downloaded newer image for devopsbotofficial/devops-bot:latest
9ad5a25db86a0544a87162584a9a2b2b64ba721874de6d3f537be5fab2bd8fe8
```

```
root@ip-172-31-23-158:~# docker ps -a
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS        NAMES
9ad5a25db86a   devopsbotofficial/devops-bot:latest  "/usr/local/bin/dob ..."  7 seconds ago  Up 6 seconds  0.0.0.0:4102->4102/tcp, :::4102->4102/tcp  devops-bot
root@ip-172-31-23-158:~# docker exec -it devops-bot /bin/bash
devops-bot@9ad5a25db86a:/var/devops-bot$ cd
devops-bot@9ad5a25db86a:~$ dob --help
Usage: dob [OPTIONS] COMMAND [ARGS]...
```

Options:

- v, --version Show version of the devops-bot tool.
- debug Enable debug mode to show full error tracebacks.
- help Show this message and exit.

Commands:

- activation Activate context for Kubernetes or Docker...
- ans Execute Ansible command on a remote server
- ansible Commands related to Ansible configuration and...
- artifactory Execute Artifactory commands
- aws Commands to manage AWS resources.
- aws_cli Execute AWS CLI commands
- azure Commands to manage Azure resources.
- brood Manage DevOps bot files.
- check-nodes Check if the DevOps bot can connect to the node.
- chef Execute Chef commands
- consul Execute Consul commands
- decrypt Decrypt an encrypted value with salt and...
- dks Commands related to DevOps Kubernetes Services...
- dobp DevOps Bot Proxy configuration commands.
- doc Execute docker command on a remote server

