

aws

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United States (Oregon) | ritesh @ 3814-9185-0511

EC2 > Instances

Instances (1/1) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

Instance state = running

Clear filters

< 1 >

☒

Name

☒

Docker-fastapi

Instance ID

i-0379d6a6eb0b56dc1

Instance state

Running

Instance type

t2.micro

Status check

Initializing

Alarm status

View alarms

+

Availability Zone

us-west-2a

Public IPv4 DNS

ec2-54-201-58-16.us-w...

Public IPv4 ...

54.201.58.16

i-0379d6a6eb0b56dc1 (Docker-fastapi)

Details

Status and alarms

Monitoring

Security

Networking

Storage

Tags

▼ Instance summary Info

Instance ID

i-0379d6a6eb0b56dc1

IPv6 address

-

Hostname type

IP name: ip-172-31-29-219.us-west-2.compute.internal

Public IPv4 address

54.201.58.16 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-29-219.us-west-2.compute.internal

Private IPv4 addresses

172.31.29.219

Public IPv4 DNS

ec2-54-201-58-16.us-west-2.compute.amazonaws.com | open address

ubuntu@ip-172-31-29-219: ~ × + ▾

See "man sudo\_root" for details.

```
ubuntu@ip-172-31-29-219:~$ sudo apt-get update
Hit:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [991 kB]
Get:14 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [219 kB]
Get:15 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:16 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [13.5 kB]
Get:17 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1052 kB]
Get:18 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [265 kB]
Get:19 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [367 kB]
Get:20 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [26.0 kB]
Get:21 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [892 kB]
Get:22 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [182 kB]
Get:23 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:24 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [492 B]
Get:25 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [21.5 kB]
Get:26 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [4788 B]
Get:27 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:28 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [592 B]
Get:29 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [39.1 kB]
Get:30 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/main Translation-en [8676 B]
Get:31 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7064 B]
Get:32 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [272 B]
Get:33 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [26.4 kB]
Get:34 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [16.3 kB]
Get:35 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [15.8 kB]
Get:36 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1304 B]
Get:37 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:38 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:39 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:40 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:41 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [741 kB]
```



```
ubuntu@ip-172-31-29-219: ~  
Reading package lists... Done  
ubuntu@ip-172-31-29-219:~$ sudo apt-get install docker.io -y  
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-buildx docker-compose-v2 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 59 not upgraded.  
Need to get 78.6 MB of archives.  
After this operation, 302 MB of additional disk space will be used.  
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 pigz amd64 2.8-1 [65.6 kB]  
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/main amd64 bridge-utils amd64 1.7.1-1ubuntu2 [33.9 kB]  
Get:3 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 runc amd64 1.1.12-0ubuntu3.1 [8599 kB]  
Get:4 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 containerd amd64 1.7.24-0ubuntu1~24.04.2 [37.0 MB]  
Get:5 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 dns-root-data all 2024071801~ubuntu0.24.04.1 [5918 B]  
Get:6 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/main amd64 dnsmasq-base amd64 2.90-2build2 [375 kB]  
Get:7 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 docker.io amd64 26.1.3-0ubuntu1~24.04.1 [32.4 MB]  
Get:8 http://us-west-2.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 ubuntu-fan all 0.12.16 [35.2 kB]  
Fetched 78.6 MB in 1s (86.7 MB/s)  
Preconfiguring packages ...  
Selecting previously unselected package pigz.  
(Reading database ... 70560 files and directories currently installed.)  
Preparing to unpack .../0-pigz_2.8-1_amd64.deb ...  
Unpacking pigz (2.8-1) ...  
Selecting previously unselected package bridge-utils.  
Preparing to unpack .../1-bridge-utils_1.7.1-1ubuntu2_amd64.deb ...  
Unpacking bridge-utils (1.7.1-1ubuntu2) ...  
Selecting previously unselected package runc.  
Preparing to unpack .../2-runc_1.1.12-0ubuntu3.1_amd64.deb ...  
Unpacking runc (1.1.12-0ubuntu3.1) ...  
Selecting previously unselected package containerd.  
Preparing to unpack .../3-containerd_1.7.24-0ubuntu1~24.04.2_amd64.deb ...  
Unpacking containerd (1.7.24-0ubuntu1~24.04.2) ...  
Selecting previously unselected package dns-root-data.  
Preparing to unpack .../4-dns-root-data_2024071801~ubuntu0.24.04.1_all.deb ...  
Unpacking dns-root-data (2024071801~ubuntu0.24.04.1) ...  
Selecting previously unselected package dnsmasq-base.  
Preparing to unpack .../5-dnsmasq-base_2.90-2build2_amd64.deb ...
```

```

ubuntu@ip-172-31-29-219: ~/ × + ▾
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ ls
README.md  app  requirements.txt
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ vim Dockerfile
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ vim docker-compose.yml
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ sudo docker-compose up --build
sudo: docker-compose: command not found
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ # 1. Download the Docker Compose binary
sudo curl -L "https://github.com/docker/compose/releases/latest/download/docker-compose-$(uname -s)-$(uname -m)" -o /usr/local/bin/docker-compose

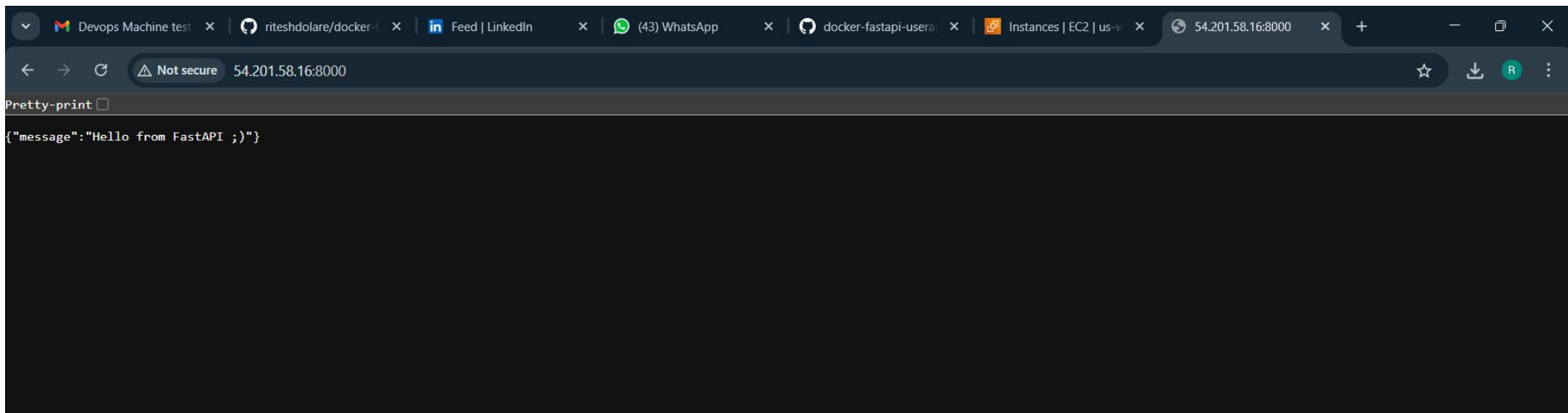
# 2. Make it executable
sudo chmod +x /usr/local/bin/docker-compose

# 3. Verify installation
docker-compose --version
% Total      % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed

  0     0    0     0    0     0      0      0  --:--:-- --:--:-- --:--:--    0     0     0     0     0     0     0  --:--:-- --:--:-- --:--:--    0
  0     0    0     0    0     0      0      0  --:--:-- --:--:-- --:--:--    0
  1 70.2M   1 866k    0     0  1039k      0  0:01:09 --:--:--  0:01:09  103 37 70.2M   37 26.5M    0     0  14.5M    0 0:00:04 0:00:01 0:00:03 25.100
70.2M 100 70.2M    0     0  31.1M      0 0:00:02 0:00:02 --:--:-- 48.8M

Docker Compose version v2.35.0
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ sudo docker-compose up --build
WARN[0000] /home/ubuntu/docker-fastapi-test/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential
confusion
Compose can now delegate builds to bake for better performance.
To do so, set COMPOSE_BAKE=true.
[+] Building 29.0s (11/11) FINISHED
=> [fastapi-app internal] load build definition from Dockerfile                                docker:default 0.1s
=> => transferring dockerfile: 406B                                                         0.0s
=> [fastapi-app internal] load metadata for docker.io/library/python:3.9                    0.9s
=> [fastapi-app internal] load .dockerignore                                                  0.0s
=> => transferring context: 2B                                                                0.0s
=> [fastapi-app 1/5] FROM docker.io/library/python:3.9@sha256:a847112640804ed2d03bb774d46bb1619bd37862fb2b7e48eebe425a168c153b 20.9s
=> => resolve docker.io/library/python:3.9@sha256:a847112640804ed2d03bb774d46bb1619bd37862fb2b7e48eebe425a168c153b 0.0s
=> => sha256:23b7d26ef1d294256da0d70ce374277b9aab5ca683015073316005cb63d33849 48.49MB / 48.49MB 1.5s
=> => sha256:a232e68add188c780f143918c36677c3defdc8a358e54665e03c2c6bd868eff9 6.18kB / 6.18kB 0.0s
=> => sha256:07d1b5af933d2dfc3d0dd509d6e20534825e4a537f7b006a6cb5b8e5a1f20905 24.01MB / 24.01MB 1.0s
=> => sha256:1eb98adba0eb44a2e4facf9ca3626a4a66feedd0dd56d159cca90a35205744e7 64.40MB / 64.40MB 2.1s
=> => sha256:a847112640804ed2d03bb774d46bb1619bd37862fb2b7e48eebe425a168c153b 10.35kB / 10.35kB 0.0s
=> => sha256:2d43b6fe192fd26faaf19e07b7fd462e6bf9b7aa0348e573fa261bfff40ce4961 2.32kB / 2.32kB 0.0s
=> => sha256:b617a119f8a27982374d94ec6eb3738ae3d38d6fc2c34c865813926cf596a621 211.33MB / 211.33MB 4.3s
=> => sha256:5893f2eb5418ad35eb72d79548d6a2689599e97b3ea3ab0efa6babc3c261d537 6.16MB / 6.16MB 1.8s
=> => extracting sha256:23b7d26ef1d294256da0d70ce374277b9aab5ca683015073316005cb63d33849 4.2s
=> => sha256:b25c426204f45b8436d684dea65578794f4f7b8f1148dd89aaa85ef1393212ea 19.85MB / 19.85MB 2.4s

```



# FastAPI 0.1.0 OAS3

/openapi.json

## default ^

GET	/ Index	⌵
GET	/users Get Users	⌵
POST	/users User Create	⌵

## Schemas ^

BaseResponse >

HTTPValidationError >

UserIn >

UserListOut >

## Responses

### Curl

```
curl -X 'GET' \
'http://54.201.58.16:8000/users' \
-H 'accept: application/json'
```

### Request URL

http://54.201.58.16:8000/users

### Server response

Code	Details
------	---------

200

### Response body

```
{
  "data": [
    {
      "first_name": "Ritesh",
      "last_name": "Dolare",
      "age": 22
    }
  ]
}
```



Download

### Response headers

```
content-length: 64
content-type: application/json
date: Sat, 12 Apr 2025 09:37:26 GMT
server: uvicorn
```

## Responses

Code	Description
------	-------------

200

Successful Response

Links

No links

Media type

application/json

Controls Accept header.



```
ubuntu@ip-172-31-29-219: ~/ × + ▾

[+] Running 3/3
  ✓fastapi-app                               Built                                0.0s
  ✓Network docker-fastapi-test_default       Created                               0.1s
  ✓Container docker-fastapi-test-fastapi-app-1 Created                               0.1s
Attaching to fastapi-app-1
fastapi-app-1 | INFO:      Started server process [1]
fastapi-app-1 | INFO:      Waiting for application startup.
fastapi-app-1 | INFO:      Application startup complete.
fastapi-app-1 | INFO:      Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
fastapi-app-1 | INFO:      152.56.16.144:54517 - "GET /docs HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54517 - "GET /openapi.json HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54516 - "GET / HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54516 - "GET /favicon.ico HTTP/1.1" 404 Not Found
fastapi-app-1 | INFO:      152.56.16.144:54518 - "GET /docs HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54518 - "GET /openapi.json HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54547 - "GET / HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54564 - "GET / HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54585 - "GET /users HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54595 - "POST /users HTTP/1.1" 200 OK
fastapi-app-1 | INFO:      152.56.16.144:54596 - "GET /users HTTP/1.1" 200 OK
Gracefully stopping... (press Ctrl+C again to force)
[+] Stopping 1/1
  ✓Container docker-fastapi-test-fastapi-app-1 Stopped                                0.4s
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ sudo docker-compose down
WARN[0000] /home/ubuntu/docker-fastapi-test/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential
confusion
[+] Running 2/2
  ✓Container docker-fastapi-test-fastapi-app-1 Removed                                0.0s
  ✓Network docker-fastapi-test_default       Removed                                0.1s
ubuntu@ip-172-31-29-219:~/docker-fastapi-test$ sudo docker-compose up
WARN[0000] /home/ubuntu/docker-fastapi-test/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential
confusion
[+] Running 2/2
  ✓Network docker-fastapi-test_default       Created                                0.1s
  ✓Container docker-fastapi-test-fastapi-app-1 Created                                0.1s
Attaching to fastapi-app-1
fastapi-app-1 | INFO:      Started server process [1]
fastapi-app-1 | INFO:      Waiting for application startup.
fastapi-app-1 | INFO:      Application startup complete.
fastapi-app-1 | INFO:      Uvicorn running on http://0.0.0.0:8000 (Press CTRL+C to quit)
```



Devops Machine test

riteshdolare/docker-

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(43) WhatsApp

docker-fastapi-usera

Instances | EC2 | us-v

FastAPI - Swagger UI

Not secure54.201.58.16:8000/docs#/default/get\_users\_users\_get

Curl

curl -X 'GET' \n'http://54.201.58.16:8000/users' \n-H 'accept: application/json'

Request URL

http://54.201.58.16:8000/users

Server response

Code

Details

200

Response body

{\n "data": [\n {\n "first\_name": "Ritesh",\n "last\_name": "Dolare",\n "age": 22\n }\n ]\n}

Response headers

content-length: 64\ncontent-type: application/json\ndate: Sat, 12 Apr 2025 09:34:08 GMT\nserver: uvicorn

Responses

Code

Description

Links

200

Successful Response

No links

Media type

application/json

Controls Accept header.

Example Value | Schema