

# Docker MongoDB

“ Docker MongoDB

## MongoDB

## NoSQL

# 1 MongoDB

MongoDB

Sort by

## MongoDB

mongo:latest

docker hub

mongo

ExplorePricingSign InSign Up

Explore>mongo>

mongo

Official Image

☆

MongoDB document databases provide high availability and easy scalability.

↓ 1B+

ContainerLinuxWindowsARM 64x86-64IBM ZDatabasesOfficial Image

DescriptionReviewsTags

Copy and paste to pull this image

docker pull mongo

View Available Tags

Get more out of Docker with a free Docker ID

Sign up for a Docker ID to gain access to all the free features Docker has to offer, including unlimited public repositories, increased container image requests, automated builds, and much more.

Sign Up

Sort by Newest

TAG  
[4.4.8-rc0-focal](#)  
Last pushed 5 days ago by [doijanky](#)

docker pull mongo:4.4.8-rc0-focal

DIGEST  
[6729b51f06c7](#)  
[4575a1589b20](#)

OS/ARCH  
linux/amd64  
linux/arm64/v8

COMPRESSED SIZE ⓘ  
163.22 MB  
158.71 MB

TAG  
[4.4.8-rc0](#)  
Last pushed 5 days ago by [doijanky](#)

docker pull mongo:4.4.8-rc0

DIGEST  
[2c3013b79af9](#)  
[fd26a5d5d4a0](#)  
[6729b51f06c7](#)  
[4575a1589b20](#)

OS/ARCH  
windows/amd64  
windows/amd64  
linux/amd64  
linux/arm64/v8

COMPRESSED SIZE ⓘ  
6.06 GB  
2.72 GB  
163.22 MB  
158.71 MB

## docker search mongo

docker image search mongo			
NAME	DESCRIPTION	STARS	OFFICIAL
AUTOMATED			
mongo	MongoDB document databases ...	1989	[ OK]
mongo-express	Web-based MongoDB admin int...	22	[ OK]
mvertes/alpine-mongo	light MongoDB container	19	[ OK]
mongooseim/mongooseim-docker	MongooseIM server the lates...	9	[ OK]
torusware/speedus-mongo	Always updated official Mon...	9	[ OK]
jacksoncage/mongo	Instant MongoDB sharded cluster	6	[ OK]
mongoclient/mongoclient	Official docker image for M...	4	[ OK]
jadsonlourengo/mongo-rocks	Percona Mongoddb with Rocks...	4	[ OK]
asteris/apache-php-mongo	Apache2.4 + PHP + Mongo + m...	2	[ OK]
19hz/mongo-container	Mongoddb replicaset for coreos	1	[ OK]
nitra/mongo	Mongo3 centos7	1	[ OK]
ackee/mongo	MongoDB with fixed Bluemix p...	1	[ OK]
kobotoolbox/mongo	https://github.com/kobotoolb...	1	[ OK]
valtlfelipe/mongo	Docker Image based on the la...	1	[ OK]

## 2 MongoDB

```
docker pull mongo:latest
```

```
$ docker pull mongo:latest
latest: Pulling from library/mongo
7ddbc47eeb70: Already exists
c1bbdc448b72: Already exists
8c3b70e39044: Already exists
45d437916d57: Already exists
e119fb0e0a55: Pull complete
91f0b9baelea: Pull complete
53e7c2967f11: Pull complete
69a945568374: Pull complete
93333bc225a7: Pull complete
b9c10bd6c9bd: Pull complete
7f4e3538e99c: Pull complete
1164b51d180a: Pull complete
a715a7d71f27: Pull complete
Digest: sha256:2704b1f2ad53c0c5fb029fc112f99b5e9acdca3ab869095a3f8c6d14b2e3c0f3
Status: Downloaded newer image for mongo:latest
docker.io/library/mongo:latest
```

### 3

mongo

```
docker image ls
```

```
$ docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
mongo	latest	965553e202a4	10 days ago	363MB
ubuntu	latest	775349758637	10 days ago	64.2MB
mysql	latest	c8ee894bd2bd	3 weeks ago	456MB
centos	centos7	67fa590cfc1c	2 months ago	202MB

latest mongo

### 4

mongo

```
docker run -itd --name mongo -p 27017:27017 mongo --auth
```

```
docker run -d \
--name mongo \
--restart=always \
-p 27017:27017 \
-v /mongo/initdb:/docker-entrypoint-initdb.d \
-v /mongo/datadic:/data/db \
```

```

-v /mongo/configdb: /data/configdb \
-e MONGO_INITDB_ROOT_USERNAME=mongoadmin \
-e MONGO_INITDB_ROOT_PASSWORD=123456 \
-e MONGO_INITDB_DATABASE=test \
mongo: 4. 4. 8 -- auth

db.createUser( { user: 'mongoadmin', pwd: '123456', roles: [ { role: 'userAdminAnyDatabase', db:
'admin' }, "readWriteAnyDatabase" ] } );

db.auth('mongoadmin', '123456')

mongorestore -h 10.44.111.123:27017 -u mongoadmin -p 123456 --authenticationDatabase admin -d
v3 ./

```

- -p 27017:27017                      27017                      27017                      ip:27017              mongo
- --auth

```

$ docker run -itd --name mongo -p 27017:27017 mongo --auth
4dab3f4f2411f8f2da79fa5777218075a22981a38eabd3745069156128541c4

```

## 5

```
docker container ps
```

```

$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
4dab3f4f2411   mongo    "docker-entrypoint.s..." 47 minutes ago Up 47 minutes 0.0.0.0:27017->27017/tcp            mongo
ba5e950b27c4   mysql    "docker-entrypoint.s..." About an hour ago Up About an hour 0.0.0.0:3306->3306/tcp, 33060/tcp    mysql-test
618230034a10   centos:centos7 "/bin/bash"             3 hours ago   Up 3 hours                               centos-test
b62f21493eba   ubuntu   "/bin/bash"             4 hours ago   Up 4 hours                               ubuntu-test

```

```

docker container exec -it mongo mongo admin

#      admin      123456

> db.createUser( { user: 'admin', pwd: '123456', roles: [ { role: 'userAdminAnyDatabase', db:
'admin' }, "readWriteAnyDatabase" ] } );

#

> db.auth('admin', '123456')

```

```
$ docker exec -it mongo mongo admin
MongoDB shell version v4.2.1
connecting to: mongodb://127.0.0.1:27017/admin?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("ab114b66-fcc2-49c9-bc7b-244368bd044c") }
MongoDB server version: 4.2.1
> db.createUser({ user:'admin',pwd:'123456',roles:[ { role:'userAdminAnyDatabase', db: 'admin' } ]});
Successfully added user: {
  "user" : "admin",
  "roles" : [
    {
      "role" : "userAdminAnyDatabase",
      "db" : "admin"
    }
  ]
}
> db.auth(' admin', ' 123456')
1
>
```

---

Revision #6

Created 4 August 2021 03:53:18 by

Updated 19 August 2021 03:58:01 by