

## Orient database in docker

**Step 1:- Create an EC2 instance**

**Ports:22, 2424, 2480**

**Step 2:- Connect to EC2 instance**

**Step 3:- Install Docker Engine latest version**

<https://docs.docker.com/engine/install/ubuntu/> (for ubuntu)

**Step 4:- Pull orient image**

```
root@ip-172-31-30-167:~/orient# docker pull orientdb
Using default tag: latest
latest: Pulling from library/orientdb
23828d760c7b: Pull complete
8069355d5739: Pull complete
c0818127cd97: Pull complete
db15aff3aedb: Pull complete
2d8727e407d8: Pull complete
470a50a440c6: Pull complete
52f577c8e8a4: Pull complete
Digest: sha256:cc2d718b9ad1b9f4388f2c02426f1b0cc91a834d925aaaf1d5e1c96cdbeff4d3
Status: Downloaded newer image for orientdb:latest
root@ip-172-31-30-167:~/orient# docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
orientdb	latest	4688bddab13d	2 weeks ago	423MB

**Step 5:- Create container using Image and log in to create database**

**docker run -d -p 2424:2424 -p 2480:2480 -e ORIENTDB\_ROOT\_PASSWORD=<password> <imageID>**

```
orientdb latest 4688bddab13d 2 weeks ago 423MB
root@ip-172-31-30-167:~/orient# docker run -d -p 2424:2424 -p 2480:2480 -e ORIENTDB_ROOT_PASSWORD=1234 468
bf87689e3c5f30ccc6f1a615a4349039d6bf10e761b4be0829cb2d25388204b
root@ip-172-31-30-167:~/orient# docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
bf87689e3c5f	468	"/_cacert_entrypoint..."	4 seconds ago	Up 2 seconds	0.0.0.0:2424->2424/tcp, :::2424->2424/tcp, 0.0.0.0:2480->2480/tcp, :::2480->2480/tcp

focused brattain

**Step 6:- Logging in**

**docker exec -it cont.id /orientdb/bin/console.sh**

```
root@ip-172-31-30-167:~/orient# docker exec -it bf8 /orientdb/bin/console.sh
OrientDB console v.3.2.28 (build ${buildNumber}, branch UNKNOWN) https://www.orientdb.com
Type 'help' to display all the supported commands.
orientdb> |
```