

1. Create a t2.micro ec2 made from an Ubuntu AML.
2. Setup security group.
3. Install docker and docker-compose
4. Deploy this docker-compose.yml

version: '3.3'

services:

db:

image: mysql:5.7

volumes:

- db_data:/var/lib/mysql

restart: always

environment:

MYSQL_ROOT_PASSWORD: somewordpress

MYSQL_DATABASE: wordpress

MYSQL_USER: wordpress

MYSQL_PASSWORD: wordpress

wordpress:

depends_on:

- db

image: wordpress:latest

ports:

- "8000:80"

restart: always

environment:

WORDPRESS_DB_HOST: db:3306

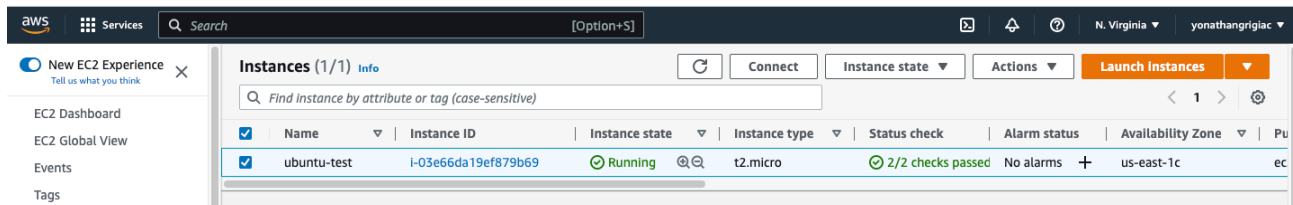
WORDPRESS_DB_USER: wordpress

WORDPRESS_DB_PASSWORD: wordpress

WORDPRESS_DB_NAME: wordpress

volumes:

db_data: {}



```
ubuntu@ip-172-31-19-148:~/assignment-12$ sudo docker-compose up -d
Starting assignment-12_db_1 ... done
Starting assignment-12_wordpress_1 ... done
```

```
ubuntu@ip-172-31-19-148:~/assignment-12$ sudo docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
6bccb4596d6e   wordpress:latest "docker-entrypoint.s..." 32 minutes ago Up 26 minutes 0.0.0.0:8000->80/tcp, :::8000->80/tcp assignment-12_wordpress_1
2a848991168d   mysql:5.7      "docker-entrypoint.s..." 32 minutes ago Up 26 minutes 3306/tcp, 33060/tcp              assignment-12_db_1
```

History (for reference):

- 1 sudo apt-get remove docker docker-engine docker.io containerd runc
- 2 sudo apt-get update
- 3 sudo apt-get install ca-certificates curl gnupg lsb-release
- 4 sudo mkdir -p /etc/apt/keyrings
- 5 curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
- 6 echo "deb [arch=\$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \n \$(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
- 7
- 8 sudo apt-get update

```
9 sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin
10 sudo docker run hello-world
11 mkdir assignment-12
12 cd assignment-12/
13 vim docker-compose.yml
14 ls
15 docker-compose up
16 sudo apt install docker-compose
17 docker-compose up
18 ls
19 vim docker-compose.yml
20 docker-compose up
21 vim docker-compose.yml
22 docker-compose up
23 docker images
24 sudo docker-compose up
25 sudo docker-compose up -d
26 docker run -d assignment-12
27 sudo docker run -d assignment-12
28 cd ..
29 sudo docker run -d assignment-12
30 cd assignment-12/
31 docker ps
32 sudo docker ps
33 history
34 docker ps
35 sudo docker ps
36 telnet localhost 80
37 apt-get install telnetd
38 sudo apt-get install telnetd
39 telnet localhost 80
40 docker ps
41 sudo docker ps
42 cd assignment-12/
43 ls
44 vim docker-compose.yml
45 sudo docker logs 69b
46 sudo docker logs
47 sudo docker logs 6bccb4596d6e
48 sudo docker
49 sudo docker exec
50 sudo docker exec 6bccb4596d6e sh
51 sudo docker exec -it 6bccb4596d6e sh
52 telnet localhost 8000
53 history
```

URL: <http://ec2-54-196-216-186.compute-1.amazonaws.com:8000/wp-admin/install.php> (in the meantime I terminated my instance)

Screenshot of wordpress:



English (United States)

Afrikaans

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Aragonés

العربية

العربية المغربية

অসমীয়া

Azerbaijani dili

گۆنئی آذربایجان

Беларуская мова

Български

বাংলা

བོད་སྐད་

Bosanski

Català

Cebuano

Čeština

Cymraeg

Dansk

Deutsch (Schweiz)

Deutsch (Sie)

Deutsch (Schweiz, Du)

Deutsch (Österreich)

Deutsch

Dolnoserbscina

Continue