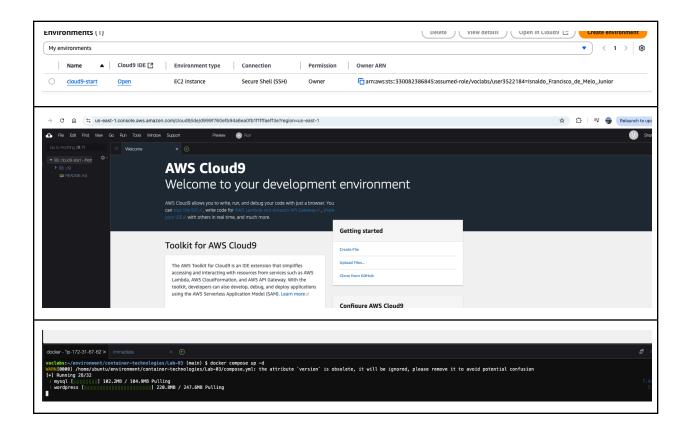# Container Technologies

Compose.yaml

```
voclabs:~/environment/container-technologies/Lab-03 (main) $ cat compose.yml
version: "3.8"

services:
  mysql:
    image: mariadb:latest
    command: '--default-authentication-plugin=mysql_native_password'
    deploy:
      replicas: 1
    restart: always
```
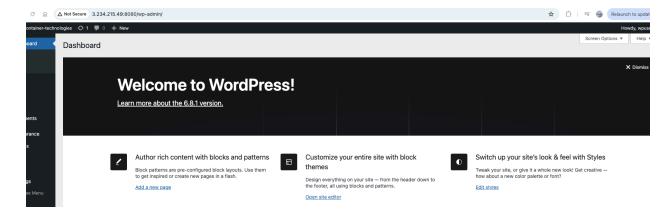
```yaml
    environment:
      MYSQL_ROOT_PASSWORD: senha1234
      MYSQL_DATABASE: wordpress
      MYSQL_USER: UserBlog
      MYSQL_PASSWORD: PwdBlog
    expose:
      - 3306
    volumes:
      - database:/var/lib/mysql
    networks:
      - wordpress

  wordpress:
    image: wordpress:latest
    deploy:
      replicas: 1
    restart: always
    environment:
      WORDPRESS_DB_HOST: mysql
      WORDPRESS_DB_USER: UserBlog
      WORDPRESS_DB_PASSWORD: PwdBlog
      WORDPRESS_DB_NAME: wordpress
    volumes:
      - wordpress:/var/www/html
    ports:
      - 8080:80
    networks:
      - wordpress
    depends_on:
      - mysql

volumes:
  database:
  wordpress:

networks:
  wordpress:
    driver: bridge
```

**voclabs:~/environment/container-technologies/Lab-03 (main) $ URL="http://$(aws ec2 describe-instances **
> --instance-ids $(curl -s http://169.254.169.254/latest/meta-data/instance-id) \
> --query "Reservations[0].Instances[0].PublicIpAddress" --output text):8080" && echo $URL
http://3.234.215.49:8080

English (United States)
Afrikaans
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Aragonés
العربية
العربية المغربية
অসমীয়া
گۆرانی آذربایجان
Azərbaycan dili
Беларуская мова
Български

container-technologies 1 0 + New   Howdy, wpus

Dashboard   Screen Options ▼   Help ▼

X Dismiss

Welcome to WordPress!

Learn more about the 6.8.1 version.

✎ **Author rich content with blocks and patterns**

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

Add a new page

▤ **Customize your entire site with block themes**

Design everything on your site — from the header down to the footer, all using blocks and patterns.

Open site editor

◑ **Switch up your site's look & feel with Styles**

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

Edit styles

```
voclabs:~/environment/container-technologies/Lab-03 (main) $ docker compose -f compose-limits.yml up -d
WARN[0000] /home/ubuntu/environment/container-technologies/Lab-03/compose-limits.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Running 2/2
 ✔ Container lab-03-mysql-1        Running
 ✔ Container lab-03-wordpress-1    Started
```