

Sprint 02

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Objetivos

- Configuração Docker Compose
- ShellScript

Estrutura

Name	
 ..	
 compose.yaml	
 ssh.sh	

Configuração Web1

```
compose.yaml
  ▶ Run All Services
1  services:
2    # web1 config
    ▶ Run Service
3    db:
4      # We use a mariadb image which supports both amd64 & arm64 architecture
5      image: mariadb:10.6.4-focal
6      # If you really want to use MySQL, uncomment the following line
7      #image: mysql:8.0.27
8      command: '--default-authentication-plugin=mysql_native_password'
9      volumes:
10       - db_data:/var/lib/mysql
11      restart: always
12      environment:
13       - MYSQL_ROOT_PASSWORD=somewordpress
14       - MYSQL_DATABASE=wordpress
15       - MYSQL_USER=wordpress
16       - MYSQL_PASSWORD=wordpress
17      expose:
18       - 3306
19       - 33060
    ▶ Run Service
20    wordpress:
21      image: wordpress:latest
22      volumes:
23       - wp_data:/var/www/html
24      ports:
25       - 80:80
26      restart: always
27      environment:
28       - WORDPRESS_DB_HOST=db
29       - WORDPRESS_DB_USER=wordpress
30       - WORDPRESS_DB_PASSWORD=wordpress
31       - WORDPRESS_DB_NAME=wordpress
```

Configuração Web2

```
33 # web2 config
34 db2:
35     # We use a mariadb image which supports both amd64 & arm64 architecture
36     image: mariadb:10.6.4-focal
37     # If you really want to use MySQL, uncomment the following line
38     #image: mysql:8.0.27
39     command: '--default-authentication-plugin=mysql_native_password'
40     volumes:
41     | - db_data2:/var/lib/mysql
42     restart: always
43     environment:
44     | - MYSQL_ROOT_PASSWORD=somewordpress
45     | - MYSQL_DATABASE=wordpress
46     | - MYSQL_USER=wordpress
47     | - MYSQL_PASSWORD=wordpress
48     expose:
49     | - 3306
50     | - 33060
51     > Run Service
52     wordpress2:
53     | image: wordpress:latest
54     | volumes:
55     | | - wp_data2:/var/www/html
56     | ports:
57     | | - 9090:80
58     | restart: always
59     | environment:
60     | | - WORDPRESS_DB_HOST=db2
61     | | - WORDPRESS_DB_USER=wordpress
62     | | - WORDPRESS_DB_PASSWORD=wordpress
63     | | - WORDPRESS_DB_NAME=wordpress
```

Shell Script

```
1  #!/bin/bash
2
3  # Verifica se a porta 80 está em uso
4  PORT=80
5  SERVICE=$(sudo lsof -i :$PORT | awk 'NR==2 {print $1}')
6
7  if [ -z "$SERVICE" ]; then
8      echo "A porta $PORT está livre. Iniciando o Docker Compose..."
9      docker compose up
10 else
11     echo "A porta $PORT está ocupada pelo serviço: $SERVICE"
12     read -p "Deseja parar o serviço $SERVICE para liberar a porta? (s/n): " RESPONSE
13     if [[ "$RESPONSE" =~ ^[Ss]$ ]]; then
14         echo "Parando o serviço $SERVICE..."
15         sudo systemctl stop "$SERVICE.service"
16         if [ $? -eq 0 ]; then
17             echo "Serviço $SERVICE parado com sucesso. Iniciando o Docker Compose..."
18             docker compose down
19             docker compose up
20         else
21             echo "Falha ao parar o serviço $SERVICE. Verifique manualmente."
22             exit 1
23         fi
24     else
25         echo "O serviço $SERVICE não foi parado. Script encerrado."
26         exit 1
27     fi
28 fi
```

Agradecimento

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intérpretes