

Proyecto5: 05-WordPress

1. ¿Cómo puedes iniciar los servicios definidos en este archivo docker-compose.yml?

`docker-compose up -d`

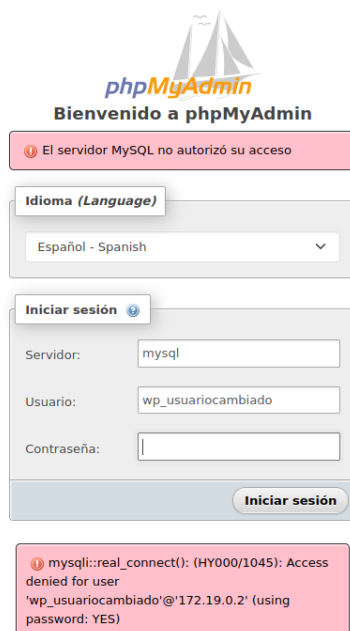
```
cristian@LU-01:~/111FCProyecto5/05-wordpress$ sudo docker-compose up -d
[sudo] contraseña para cristian:
05-wordpress_mysql_1 is up-to-date
05-wordpress_phpmyadmin_1 is up-to-date
05-wordpress_wordpress_1 is up-to-date
cristian@LU-01:~/111FCProyecto5/05-wordpress$
```


2. ¿Qué pasa si cambias las credenciales en el archivo .env después de haber creado los contenedores? ¿Se reflejan automáticamente?

No, no se reflejan automáticamente

```
cristian@LU-01: ~/111FCProyecto5/05-wordpress
GNU nano 6.2 .env
# WordPress environment variables
WORDPRESS_DB_NAME=wp_database
WORDPRESS_DB_USER=wp_usuariocambiado
WORDPRESS_DB_PASSWORD=wp_password

# MySQL Server environment variables
MYSQL_ROOT_PASSWORD=root
```




Bienvenido a phpMyAdmin

❗ El servidor MySQL no autorizó su acceso

Idioma (Language)
Español - Spanish

Iniciar sesión ⓘ

Servidor:

Usuario:

Contraseña:

❗ mysql:real_connect(): (HY000/1045): Access denied for user 'wp_usuariocambiado'@'172.19.0.2' (using password: YES)

3. ¿Cómo puedes verificar si los volúmenes wordpress_data y mysql_data están siendo utilizados correctamente?

docker volume ls

```
cristian@LU-01:~/111FCProyecto5/05-wordpress$ docker volume ls
DRIVER      VOLUME NAME
local       05-wordpress_mysql_data
local       05-wordpress_wordpress_data
local       mysql-db-data
local       mysql_data
local       mysql_data_biblio
local       portainer_data
cristian@LU-01:~/111FCProyecto5/05-wordpress$
```

docker volume inspect wordpress_data

docker volume inspect mysql_data

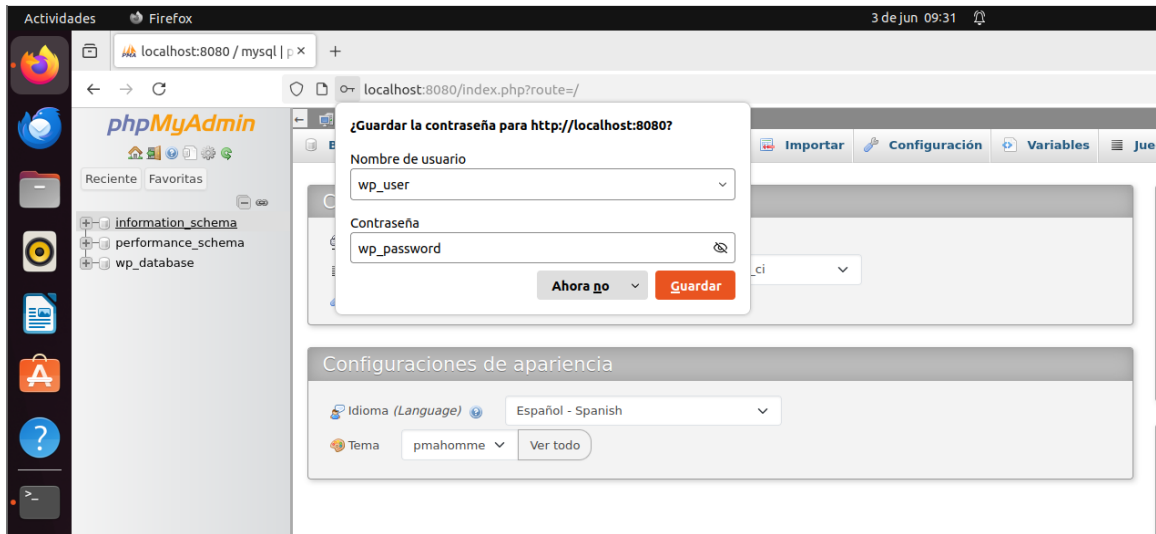
```
cristian@LU-01:~/111FCProyecto5/05-wordpress$ sudo docker inspect 05-wordpress_wordpress_data
[
  {
    "CreatedAt": "2025-06-02T09:47:39+02:00",
    "Driver": "local",
    "Labels": {
      "com.docker.compose.project": "05-wordpress",
      "com.docker.compose.version": "1.29.2",
      "com.docker.compose.volume": "wordpress_data"
    },
    "Mountpoint": "/var/lib/docker/volumes/05-wordpress_wordpress_data/_data",
    "Name": "05-wordpress_wordpress_data",
    "Options": null,
    "Scope": "local"
  }
]
cristian@LU-01:~/111FCProyecto5/05-wordpress$ sudo docker inspect 05-wordpress_mysql_data
[
  {
    "CreatedAt": "2025-06-02T09:47:39+02:00",
    "Driver": "local",
    "Labels": {
      "com.docker.compose.project": "05-wordpress",
      "com.docker.compose.version": "1.29.2",
      "com.docker.compose.volume": "mysql_data"
    },
    "Mountpoint": "/var/lib/docker/volumes/05-wordpress_mysql_data/_data",
    "Name": "05-wordpress_mysql_data",
    "Options": null,
    "Scope": "local"
  }
]
cristian@LU-01:~/111FCProyecto5/05-wordpress$
```

4. ¿Cómo puedes acceder a la base de datos de WordPress usando phpMyAdmin, y qué credenciales deberías usar?

Accede a <http://localhost:8080>

En phpMyAdmin, usa:

- Servidor: mysql
- Usuario: el valor de `${WORDPRESS_DB_USER}` (lo pone en el .env)
- Contraseña: el valor de `${WORDPRESS_DB_PASSWORD}` (lo pone en el .env)



5. ¿Qué comando puedes usar para ver los logs de WordPress y detectar errores durante el arranque?

`docker-compose logs wordpress`

```
cristian@LU-01: ~/111FCProyecto5/05-wordpress
cristian@LU-01:~/111FCProyecto5/05-wordpress$ sudo docker-compose logs wordpress
Attaching to 05-wordpress_wordpress_1
wordpress_1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.19.0.4. Set the 'ServerName' directive globally to suppress this message
wordpress_1 | AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.19.0.4. Set the 'ServerName' directive globally to suppress this message
wordpress_1 | [Mon Jun 02 08:06:07.101237 2025] [mpm_prefork:notice] [pid 1:tid 1] AH00163: Apache/2.4.62 (Debian) PHP/8.2.28 configured -- resuming normal operations
wordpress_1 | [Mon Jun 02 08:06:07.101334 2025] [core:notice] [pid 1:tid 1] AH00094: Command line: 'apache2 -D FOREGROUND'
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:42 +0000] "GET / HTTP/1.1" 302 419 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:42 +0000] "GET /wp-admin/install.php HTTP/1.1" 200 4684 "-" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-includes/css/dashicons.min.css?ver=6.8.1 HTTP/1.1" 200 36068 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-includes/css/buttons.min.css?ver=6.8.1 HTTP/1.1" 200 1808 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1 HTTP/1.1" 200 5216 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/css/forms.min.css?ver=6.8.1 HTTP/1.1" 200 7032 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/css/install.min.css?ver=6.8.1 HTTP/1.1" 200 2122 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/js/language-chooser.min.js?ver=6.8.1 HTTP/1.1" 200 615 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/css/l10n.min.css?ver=6.8.1 HTTP/1.1" 200 1103 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-includes/js/jquery/jquery.min.js?ver=3.7.1 HTTP/1.1" 200 30715 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/images/wordpress-logo.svg?ver=20131107 HTTP/1.1" 200 1810 "http://localhost/wp-admin/css/install.min.css?ver=6.8.1" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /wp-admin/images/spinner.gif HTTP/1.1" 200 3941 "http://localhost/wp-admin/css/install.min.css?ver=6.8.1" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:44 +0000] "GET /favicon.ico HTTP/1.1" 302 418 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 127.0.0.1 - - [02/Jun/2025:08:08:49 +0000] "OPTIONS * HTTP/1.0" 200 126 "-" "Apache/2.4.62 (Debian) PHP/8.2.28 (internal dummy connection)"
wordpress_1 | 127.0.0.1 - - [02/Jun/2025:08:08:50 +0000] "OPTIONS * HTTP/1.0" 200 126 "-" "Apache/2.4.62 (Debian) PHP/8.2.28 (internal dummy connection)"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:55 +0000] "POST /wp-admin/install.php?step=1 HTTP/1.1" 200 3590 "http://localhost/wp-admin/install.php" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:58 +0000] "GET /wp-includes/js/clipboard.min.js?ver=2.0.11 HTTP/1.1" 200 3494 "http://localhost/wp-admin/install.php?step=1" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
wordpress_1 | 172.19.0.1 - - [02/Jun/2025:08:08:58 +0000] "GET /wp-includes/js/dist/i18n.min.js?ver=5e580eb46a90c2b997e6 HTTP/1.1" 200 4012 "http://localhost/wp-admin/install.php?step=1" "Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:137.0) Gecko/20100101 Firefox/137.0"
```

6. ¿Cómo puedes comprobar si el contenedor de MySQL está corriendo correctamente y escuchando en el puerto 3306?

docker ps

```
cristian@LU-01:~/111FCProyecto5/05-wordpress$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS
02f472d75784   wordpress     "docker-entrypoint.s..." 23 hours ago  Up 9 minutes  0.0.0.0:80->80/tcp, [::]:80->80/tcp
922e5b9a2bac   mysql:8.0     "docker-entrypoint.s..." 23 hours ago  Up 9 minutes  0.0.0.0:3306->3306/tcp, [::]:3306->3306/tcp, 33060
87e104a1c93f   phpmyadmin    "/docker-entrypoint.s..." 23 hours ago  Up 9 minutes  0.0.0.0:8080->80/tcp, [::]:8080->80/tcp
```

7. ¿Qué debes hacer si deseas exponer el sitio WordPress en otro puerto, por ejemplo, el 8081?

Entrar en el docker-compose y cambiar el puerto que esté puesto ahí por el nuevo

```
cristian@LU-01: ~/111FCProyecto5/05-wordpress
GNU nano 6.2                                docker-compose.yml *
version: '3'

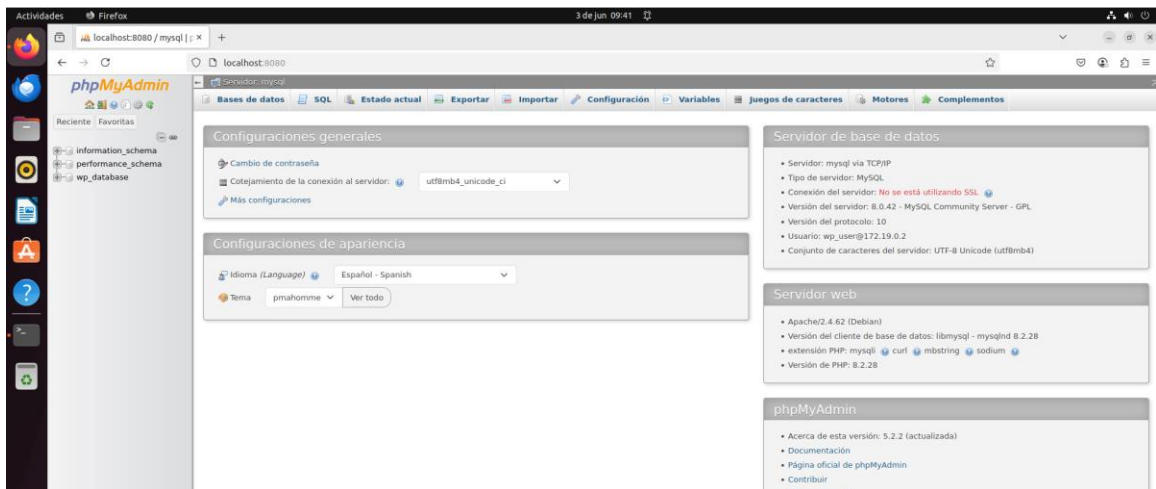
services:
  wordpress:
    image: wordpress
    ports:
      - 8081:80
    environment:
      - WORDPRESS_DB_HOST=mysql
      - WORDPRESS_DB_NAME=${WORDPRESS_DB_NAME}
      - WORDPRESS_DB_USER=${WORDPRESS_DB_USER}
      - WORDPRESS_DB_PASSWORD=${WORDPRESS_DB_PASSWORD}
    volumes:
      - wordpress_data:/var/www/html
    depends_on:
      - mysql
    restart: always

  mysql:
    image: mysql:8.0
    ports:
      - 3306:3306
    environment:
      - MYSQL_ROOT_PASSWORD=${MYSQL_ROOT_PASSWORD}
      - MYSQL_DATABASE=${WORDPRESS_DB_NAME}
      - MYSQL_USER=${WORDPRESS_DB_USER}
      - MYSQL_PASSWORD=${WORDPRESS_DB_PASSWORD}
    volumes:
      - mysql_data:/var/lib/mysql
    restart: always

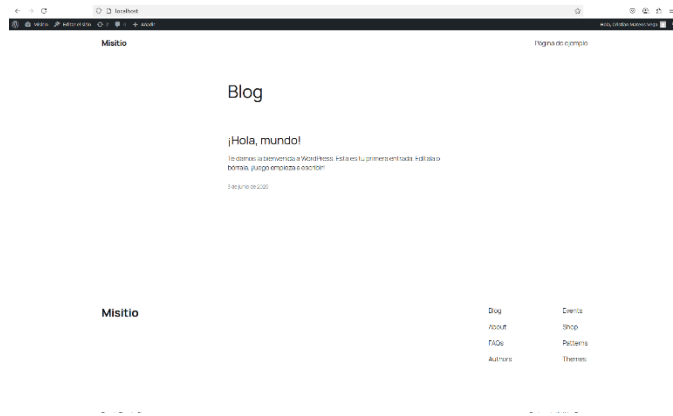
  phpmyadmin:
    image: phpmyadmin
    ports:
      - 8080:80
    environment:
      - PMA_ARBITRARY=1
    restart: always

volumes:
  mysql_data:
  wordpress_data:
```

8. Funcionamiento de phpmyadmin



9. Instalacion de Wordpress: ver el sitio web



10. Ver la administration

<http://localhost:8080/wp-admin>

