

Treballare en el servidor amb la ip 192.168.85.187:

```
root@server:~/mcastellvi# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group d
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast stat
000
    link/ether 08:00:27:41:44:39 brd ff:ff:ff:ff:ff:ff
    inet 192.168.85.187/24 brd 192.168.85.255 scope global dynamic enp0s3
        valid_lft 75581sec preferred_lft 75581sec
    inet6 fe80::a00:27ff:fe41:4439/64 scope link
        valid_lft forever preferred_lft forever
```

Primer de tot haurem de crear els directoris (t'implemento ja havent fet el worpress) i al final de tot amb el dockerfile:

```
root@server:~/mcastellvi# tree
.
├── lamp
│   ├── docker-compose.yaml
│   ├── html
│   │   ├── index.php
│   │   ├── license.txt
│   │   ├── readme.html
│   │   ├── wp-activate.php
│   │   ├── wp-admin
│   │   │   └── about.php
│   │   └── admin-ajax.php
│   ├── php
│   │   ├── wp-settings.php
│   │   ├── wp-signup.php
│   │   ├── wp-trackback.php
│   │   ├── xmlrpc.php
│   └── php.Dockerfile
```

I editarem el dockerfile:

```
root@server:~/mcastellvi# cat lamp/php.Dockerfile
FROM php:7.4.3-apache
RUN docker-php-ext-install mysqli pdo pdo_mysql
```

I despres el docker-compose.yaml, especifiquem al nostre gust:

```
root@server:~# cat mcastellvi/lamp/docker-compose.yaml
version: "3.7"
services:
  web-server:
    build:
      dockerfile: php.Dockerfile
      context: .
    restart: always
    volumes:
      - "./html:/var/www/html/"
    ports:
      - "8080:80"
  mysql-server:
    image: mysql:8.0.19
    restart: always
    environment:
      MYSQL_ROOT_PASSWORD: secret
    volumes:
      - mysql-data:/var/lib/mysql

  phpmyadmin:
    image: phpmyadmin/phpmyadmin:5.0.1
    restart: always
    environment:
      PMA_HOST: mysql-server
      PMA_USER: root
      PMA_PASSWORD: secret
    ports:
      - "5000:80"
volumes:
  mysql-data:
root@server:~#
```

Ara aexecutarem el dockercompose amb la comanda «docker-compose up -d» en la carpeta lamp:

```
root@server:/mcastellvi/lamp# docker-compose up -d
Creating network "lamp_default" with the default driver
Creating volume "lamp_mysql-data" with default driver
Building web-server
Step 1/2 : FROM php:7.4.3-apache
7.4.3-apache: Pulling from library/php
68ced04f60ab: Pull complete
1d2a5d8fa585: Pull complete
5d59ec4ae241: Downloading [=====>] 69.31MB/76.65MB
d42331ef4d44: Download complete
408b7b7ee112: Waiting
570cd47896d5: Download complete
2419413b2a16: Download complete
2c7832852643: Download complete
8b0b209a25bc: Waiting
46011418685f: Waiting
68be3748ea55: Waiting
4e3af655ec1e: Waiting
9f579d3b7159: Waiting
f81818be7009: Pull complete
f91e44aee5b4: Pull complete
775a97d697e6: Pull complete
1bf92c73fccf: Pull complete
28733a694f7e: Pull complete
Digest: sha256:d2191935bda8c825bcf51d1c659efcd4d80a4f5da907ea72c8517c8144136de4
Status: Downloaded newer image for phpmyadmin/phpmyadmin:5.0.1
Creating lamp_web-server_1 ... done
Creating lamp_mysql-server_1 ... done
Creating lamp_phpmyadmin_1 ... done
root@server:/mcastellvi/lamp#
```

I ara podrem visualitzar correctament en els dockers que esta funcionant:

```
root@server:/mcastellvi/lamp# docker-compose ps

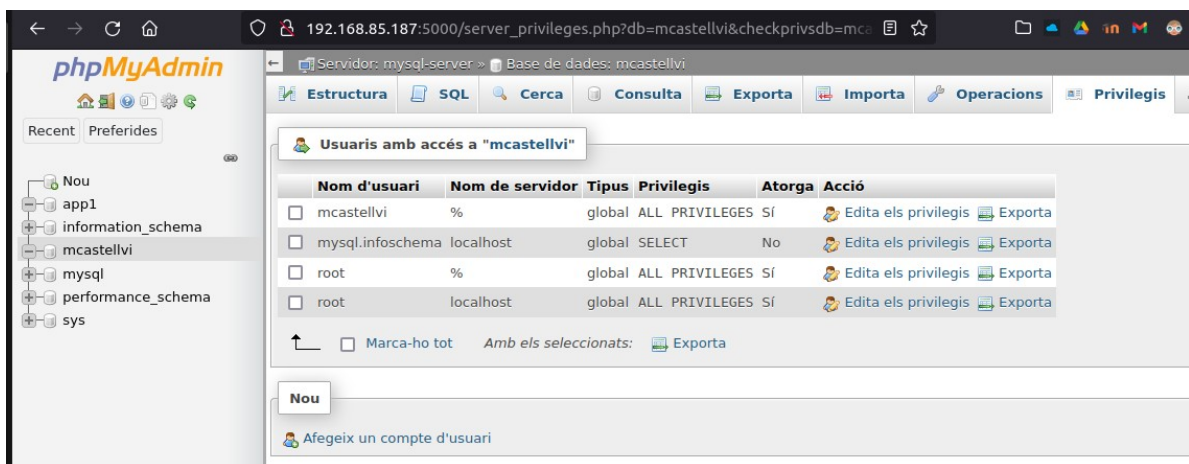
```

Name	Command	State	Ports
lamp_mysql-server_1	docker-entrypoint.sh mysqld	Up	3306/tcp, 33060/tcp
lamp_phpmyadmin_1	/docker-entrypoint.sh apac ...	Up	0.0.0.0:5000->80/tcp, :::5000->80
lamp_web-server_1	docker-php-entrypoint apac ...	Up	0.0.0.0:8080->80/tcp, :::8080->80

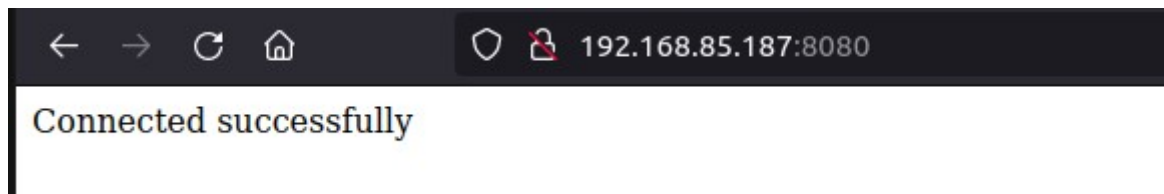
```
root@server:/mcastellvi/lamp#
```

Que seràn els 2 lamps, el mysql, el phpmyadmin i el webserver, i títls han de estar up, si no estan engegats serà «docker start lamp_mysql-server_1»

Ara accedint amb la IP del servidor haurem de accedir amb el port 5000 per accedir a phpmyadmin, i dints s'aura de accedor a privilegis i afegir el nom d'usuari:



I ara a la hora de accedir a la pagina, si el teu index.php era una pagina de validació com tenia al princimi, se't mostrara:



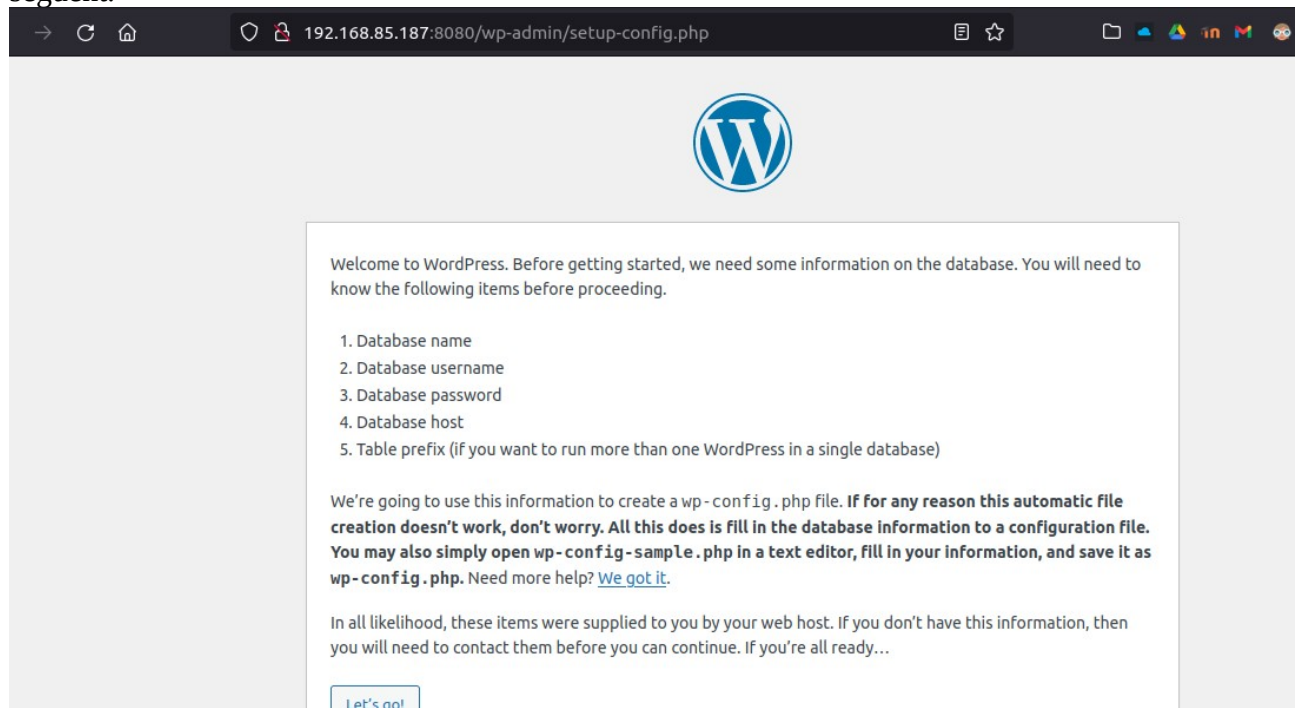
Si al final se hace para acceder a wordpress, se tendra que hace un wget i descomprimir el arxiu

```
267 cd html/
268 ls
269 wget https://wordpress.org/latest.tar.gz
270 ls
271 tar xvf latest.tar.gz
```

Ara per que sigui la carpeta html he executat aquestes comandes per implemetnarlo i tambie donarli permisos 777 i evitar cualsevol mena de problema de errors

```
289 mv wordpress /mcastellvi/lamp/
290 ls
291 cd --
292 cd /mcastellvi/lamp/
293 ls
294 rm html/
295 rm -R html/
296 mv wordpress /mcastellvi/lamp/html
297 ls
298 cd html/
299 ls
300 chmod -R 777
301 cd ..
302 chmod -R 777
303 chmod 777 -R /mcastellvi/lamp/
```

Ara ja ens mostrara el wordpress correctament insertant la ip amb el port 8080, li donarem tot a següent.



Ara ens demanarà un accés, insertarem la base de dades implementada anteriorment:

Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name	<input type="text" value="mcastellvi"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="mcastellvi"/>	Your database username.
Password	<input type="text" value="mcastellvi"/>	Your database password.
Database Host	<input type="text" value="mysql-server"/>	You should be able to get this info from your web host, if localhost doesn't work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

I així ens mostrarà que existeix un arxiu que ja existeix, així que presionarem a instalar ahora:

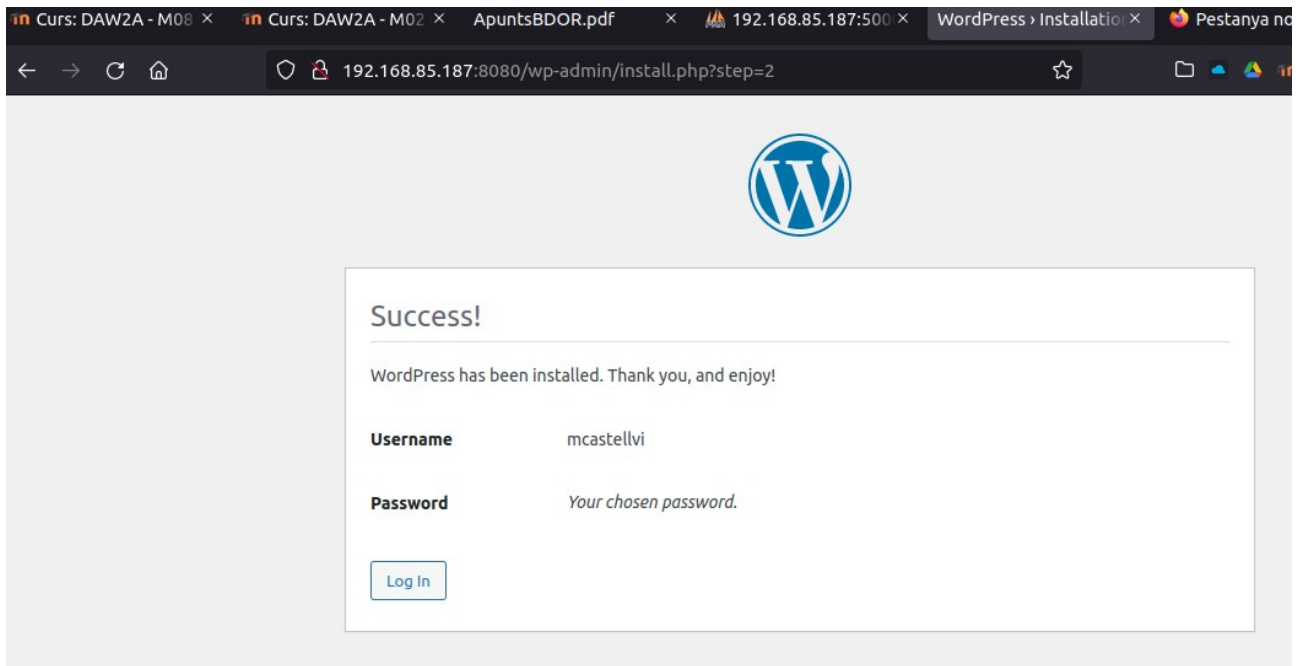
The file wp-config.php already exists. If you need to reset delete it first. You may try [installing now](#).

Ara ens mostrara correctament per crear el usuari:

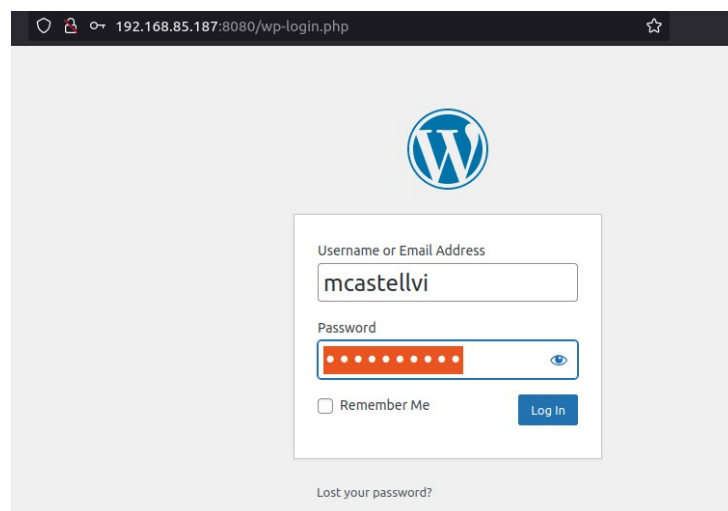
Please provide the following information. Don't worry, you can always change these settings later.

Site Title	<input type="text" value="mcastellvi"/>
Username	<input type="text" value="mcastellvi"/> <small>Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.</small>
Password	<input type="password" value="mcastellvi"/> Hide Very weak Important: You will need this password to log in. Please store it in a secure location.
Confirm Password	<input checked="" type="checkbox"/> Confirm use of weak password
Your Email	<input type="text" value="mcastellvi@mcastellvi.com"/> <small>Double-check your email address before continuing.</small>
Search engine visibility	<input checked="" type="checkbox"/> Discourage search engines from indexing this site <small>It is up to search engines to honor this request.</small>

I així s'haurà creat tot correctament:



Ara iniciem sessió:



I perfí ens mostrara el wordpress correctament:

