

```
andreiam@andreiamserver:~$ sudo aptitude install mysql-server
[sudo] password for andreiam:
sudo: aptitude: command not found
andreiam@andreiamserver:~$ sudo apt-get install mysql-server
Reading package lists... Done
Building dependency tree... Done
```

Instalamos el paquete mysql-server

```
andreiam@andreiamserver:~$ sudo /usr/bin/mysqladmin -u root password 1
```

Asignamos la contraseña para el acceso a bbdd.

```
andreiam@andreiamserver:~$ mysql -u root mysql
ERROR 1698 (28000): Access denied for user 'root'@'localhost'
andreiam@andreiamserver:~$ sudo mysql -u root mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.32-0ubuntu0.22.10.2 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> _
```

Entramos a mysql

```
mysql> UPDATE user SET password=password(123) WHERE user=root
-> flush privileges
-> exit
-> ^C
mysql> exit
Bye
```

Asi cambiamos la contraseña del usuario root

```
andreiam@andreiamserver:~$ sudo apt-get install mysql-admin
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package mysql-admin
andreiam@andreiamserver:~$ _
```

No encuentra el mysql-admin.

```
andreiam@andreiamserver:~$ sudo apt-get install mysql-query-browser
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package mysql-query-browser
andreiam@andreiamserver:~$
```

No encuentra el mysql-query-browser

```
andreiam@andreiamserver:~$ sudo mysql -h localhost -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with \g.
```

Entramos a mysql

```
mysql> CREATE DATABASE pruebasBBDD;
Query OK, 1 row affected (0,00 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| pruebasBBDD |
| sys |
+-----+
5 rows in set (0,00 sec)

mysql>
```

Creamos la bbdd.

```
mysql> DROP DATABASE pruebasBBDD;
Query OK, 0 rows affected (0,01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0,01 sec)

mysql>
```

Para borrarla con el drop.

```
andreiam@andreiamserver:~$ sudo mysqldump -h localhost -u root -p pruebasBBDD > backup.sql
Enter password:
andreiam@andreiamserver:~$ ll
total 56
drwxr-x--- 8 andreiam andreiam 4096 feb 13 15:48 ./
drwxr-xr-x 4 root      root      4096 feb  3 15:44 ../
-rw-rw-r-- 1 andreiam andreiam 1272 feb 13 15:48 backup.sql
-rw----- 1 andreiam andreiam  775 feb 13 15:44 .bash_history
-rw-r--r-- 1 andreiam andreiam  220 oct  7 21:03 .bash_logout
-rw-r--r-- 1 andreiam andreiam 3771 oct  7 21:03 .bashrc
drwx----- 2 andreiam andreiam 4096 ene 30 15:39 .cache/
drwxrwxr-x 2 andreiam andreiam 4096 feb 10 15:36 .docker/
drwxrwxr-x 2 andreiam andreiam 4096 feb 10 15:41 DockerDocker/
-rw----- 1 andreiam andreiam   20 feb  6 15:17 .lessht
drwxrwxr-x 3 andreiam andreiam 4096 feb  9 15:27 .local/
-rw-r--r-- 1 andreiam andreiam  807 oct  7 21:03 .profile
drwx----- 2 andreiam andreiam 4096 feb  2 15:37 .putty/
drwx----- 2 andreiam andreiam 4096 feb  3 15:25 .ssh/
-rw-r--r-- 1 andreiam andreiam    0 ene 30 15:47 .sudo_as_admin_successful
andreiam@andreiamserver:~$
```

Para realizar un backup de la bbdd.

```
andreiam@andreiamserver:~$ sudo mysqldump -h localhost -u root -p pruebasBBDD < backup.sql
Enter password:
-- MySQL dump 10.13  Distrib 8.0.32, for Linux (x86_64)
--
-- Host: localhost    Database: pruebasBBDD
--
-- Server version      8.0.32-0ubuntu0.22.10.2

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8mb4 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2023-02-13 15:50:13
andreiam@andreiamserver:~$ sudo mysql -h localhost -u root -p pruebasBBDD < backup.sql
Enter password:
andreiam@andreiamserver:~$
```

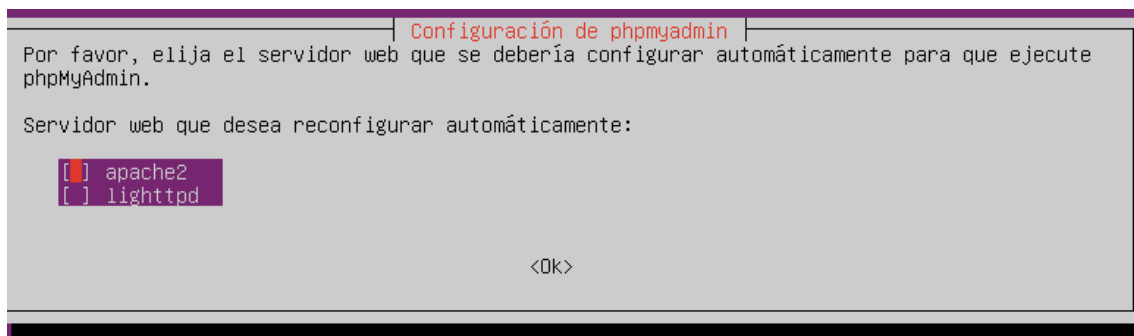
Restaurar un backup de una bbdd.

```
andreiam@andreiamserver:~$ sudo mysqldump -u root -p --all-databases > backup2.sql
[sudo] password for andreiam:
Enter password:
andreiam@andreiamserver:~$ ll
total 1316
drwxr-x--- 8 andreiam andreiam 4096 feb 13 15:55 ./
drwxr-xr-x 4 root      root    4096 feb  3 15:44 ../
-rw-rw-r-- 1 andreiam andreiam 1286375 feb 13 15:55 backup2.sql
-rw-rw-r-- 1 andreiam andreiam 1272 feb 13 15:48 backup.sql
-rw----- 1 andreiam andreiam 1073 feb 13 15:54 .bash_history
-rw-r--r-- 1 andreiam andreiam 220 oct  7 21:03 .bash_logout
-rw-r--r-- 1 andreiam andreiam 3771 oct  7 21:03 .bashrc
drwx----- 2 andreiam andreiam 4096 ene 30 15:39 .cache/
drwxrwxr-x 2 andreiam andreiam 4096 feb 10 15:36 docker/
drwxrwxr-x 2 andreiam andreiam 4096 feb 10 15:41 DockerDocker/
-rw----- 1 andreiam andreiam 20 feb  6 15:17 .lessht
drwxrwxr-x 3 andreiam andreiam 4096 feb  9 15:27 .local/
-rw-r--r-- 1 andreiam andreiam 807 oct  7 21:03 .profile
drwx----- 2 andreiam andreiam 4096 feb  2 15:37 .putty/
drwx----- 2 andreiam andreiam 4096 feb  3 15:25 .ssh/
-rw-r--r-- 1 andreiam andreiam 0 ene 30 15:47 .sudo_as_admin_successful
andreiam@andreiamserver:~$ _
```

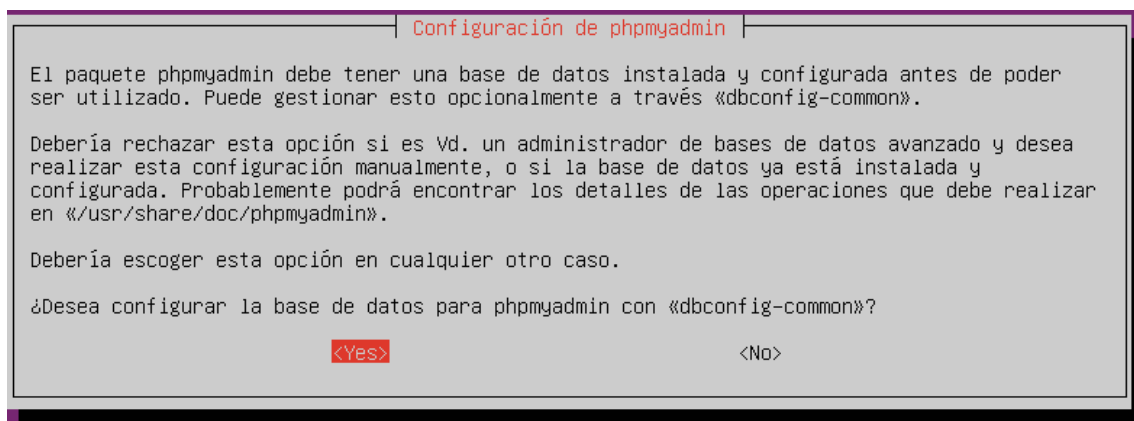
Para restaurar todas las bases de datos usamos --all-databases

```
andreiam@andreiamserver:~$ sudo apt-get install phpmyadmin_
```

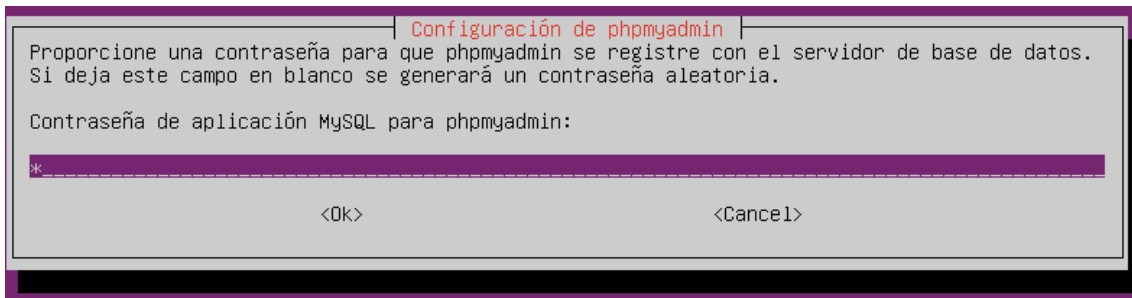
Instalamos phpmyadmin



Elegimos apache2



Elegimos la opcion Yes



Configuración de phpmyadmin

Proporcione una contraseña para que phpmyadmin se registre con el servidor de base de datos. Si deja este campo en blanco se generará un contraseña aleatoria.

Contraseña de aplicación MySQL para phpmyadmin:

*

<OK> <Cancel>

Le ponemos una contraseña(1)

```
mysql> ALTER DATABASE pruebasBBDD CHARACTER SET utf8 COLLATE utf8_general_ci;
Query OK, 1 row affected, 2 warnings (0,01 sec)

mysql>
```

Cambiamos la codificacion de la bbdd.

```
andreiam@andreiamserver:/$ sudo apt-get install php
[sudo] password for andreiam:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
```

Instalamos php