

Universidad de San Carlos de Guatemala

Laboratorio de Sistemas de Bases 1

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Manual de Técnico

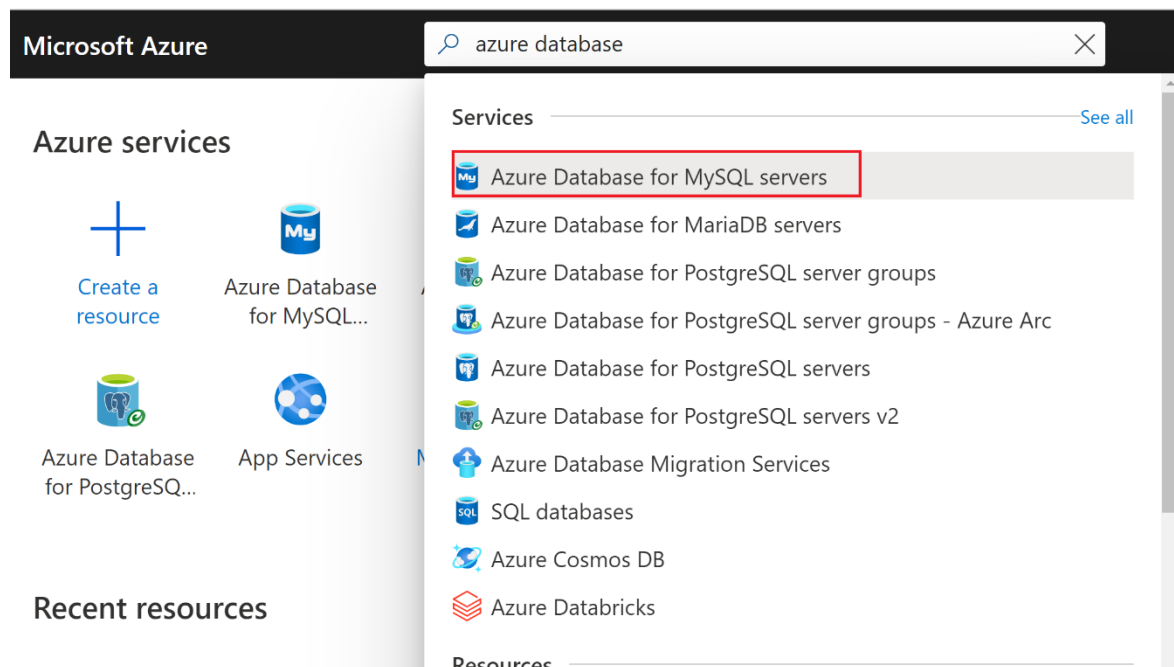
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Carne: 2017001029

Instalación de Mysql

En este caso se usa mysql usando los servicios de Azure

Seleccionar Mysql como servidor



Damos click en Mysql

[Home](#) > [Azure Database for MySQL servers](#) >

Select Azure Database for MySQL deployment option

Microsoft

How do you plan to use the service?



Single server

Best for broad range of traditional transactional workloads.

Enterprise ready, fully managed community MySQL server with up to 64 vCores.

[Create](#)

[Learn More](#)



Flexible server (Preview)

Best for workloads that require advanced customization and cost optimization.

Maximum control with a simplified developer experience. Supports custom maintenance windows, zone redundant high availability, and simple cost optimization. Flexible server is currently in preview.

[Create](#)

[Learn More](#)

En este caso seleccionamos Servidor único ya que no necesitamos mas de un servidor

Create MySQL server

Microsoft

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Pay-As-You-Go

Resource group * ⓘ

Select a resource group

[Create new](#)

Server details

Enter required settings for this server, including picking a location and configuring the compute and storage resources.

Server name * ⓘ

Enter server name

Data source * ⓘ

None Backup

Location * ⓘ

(US) East US

Version * ⓘ

5.7

Compute + storage ⓘ

General Purpose

4 vCores, 100 GB storage

[Configure server](#)

Administrator account

Admin username * ⓘ

Enter server admin login name

Password * ⓘ

Enter password

Confirm password *

Confirm the above password


[Review + create](#)


[Next : Additional settings >](#)

Llenamos todos los campos correspondientes

Luego para conectarnos a la base de datos se usa el siguiente comando

Azure CLI

 Copy

 Try it

```
mysql --host=mydemosever.mysql.database.azure.com --user=myadmin@mydemosever -p
```

Usamos los siguientes Comandos para crear la base de datos.

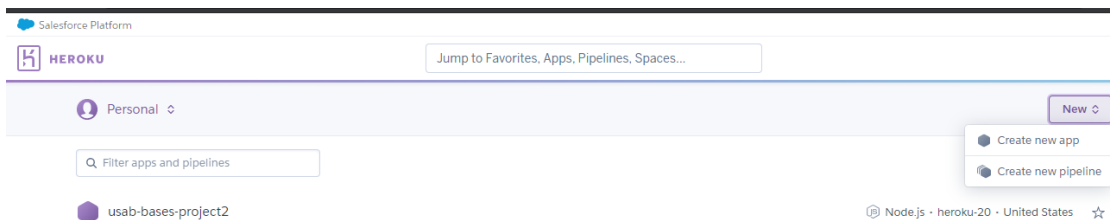
```
3. In the same Azure Cloud Shell terminal, create a database named guest:
```

```
mysql> CREATE DATABASE guest;
Query OK, 1 row affected (0.27 sec)
```

```
4. Switch to the guest database:
```

```
mysql> USE guest;
Database changed
```

Para el api rest hacemos uso de los servicios de Heroku



Damos click en crear nuevo proyecto

Para hacer el deploy se siguen los siguientes comandos

Install the Heroku CLI

Download and install the [Heroku CLI](#).

If you haven't already, log in to your Heroku account and follow the prompts to create a new SSH public key.

```
$ heroku login
```

Clone the repository

Use Git to clone usab-bases-project2's source code to your local machine.

```
$ heroku git:clone -a usab-bases-project2
$ cd usab-bases-project2
```

Deploy your changes

Make some changes to the code you just cloned and deploy them to Heroku using Git.

```
$ git add .
$ git commit -am "make it better"
$ git push heroku master
```