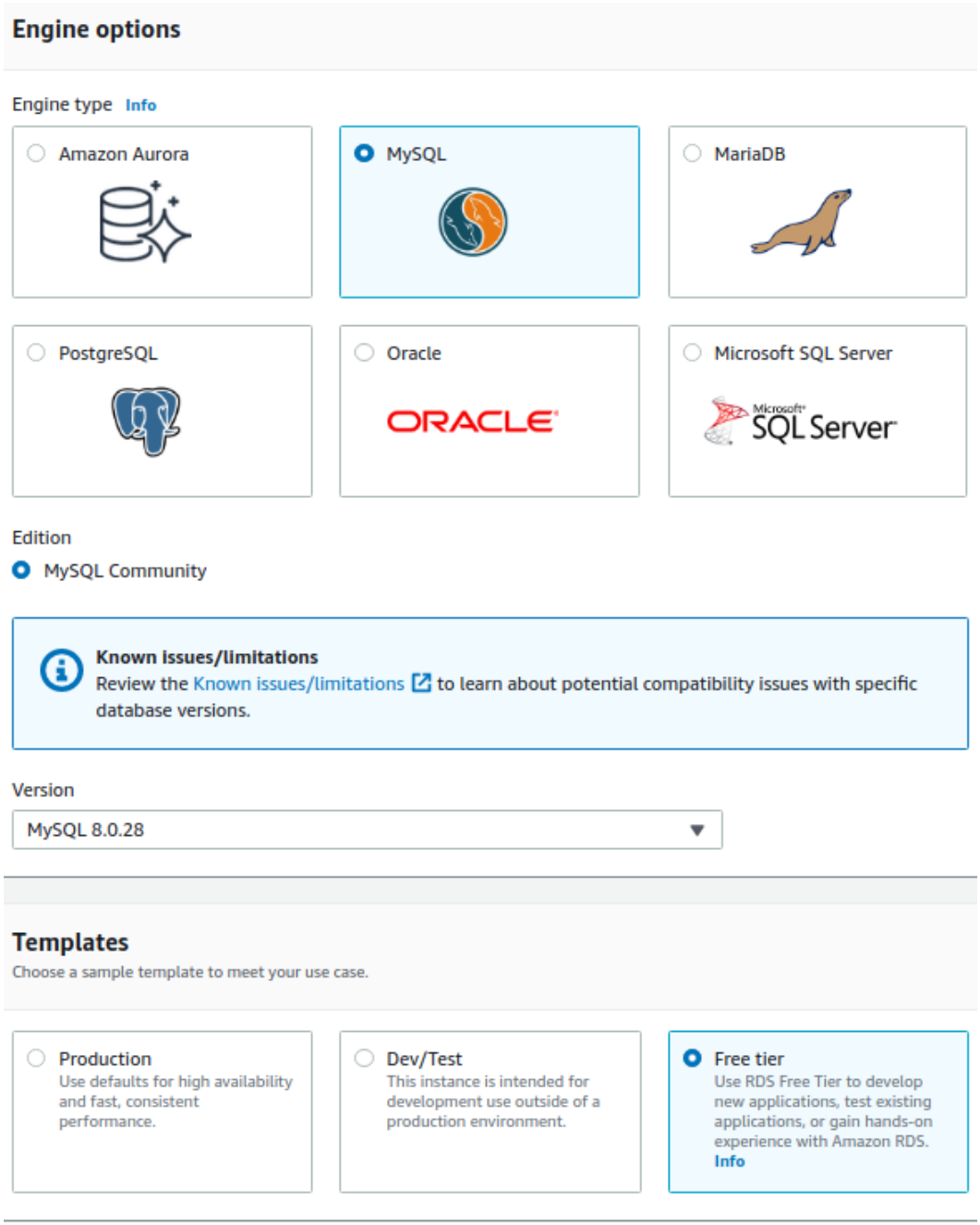
Creating DB Instance

First of all sing up to AWS if your don't have an account yet.

Access RDS page: https://us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#GettingStarted.

Click on "Create database" and create as the example below:



*It's important saving your DB's: identifier, user, password, port and host (endpoint)

For a first try I recommend using this configurations, later you can understand more about it and do a better configuration for a more robust security.

It's easier to keep Public access as "yes" to use this project solution to storage data the with python.

Choose to create a new “VPC security group”, later we will configure it.

Connectivity

Virtual private cloud (VPC) Info

VPC that defines the virtual networking environment for this DB instance.

Default VPC (vpc-00a47fe4917cbad5b)

Only VPCs with a corresponding DB subnet group are listed.

After a database is created, you can't change its VPC.

Subnet group Info

DB subnet group that defines which subnets and IP ranges the DB instance can use in the VPC you selected.

default-vpc-00a47fe4917cbad5b

Public access Info

- Yes
  Amazon EC2 instances and devices outside the VPC can connect to your database. Choose one or more VPC security groups that specify which EC2 instances and devices inside the VPC can connect to the database.
- No
  RDS will not assign a public IP address to the database. Only Amazon EC2 instances and devices inside the VPC can connect to your database.

VPC security group

Choose a VPC security group to allow access to your database. Ensure that the security group rules allow the appropriate incoming traffic.

- Choose existing
  Choose existing VPC security groups
- Create new
  Create new VPC security group

New VPC security group name

test-001

Availability Zone Info

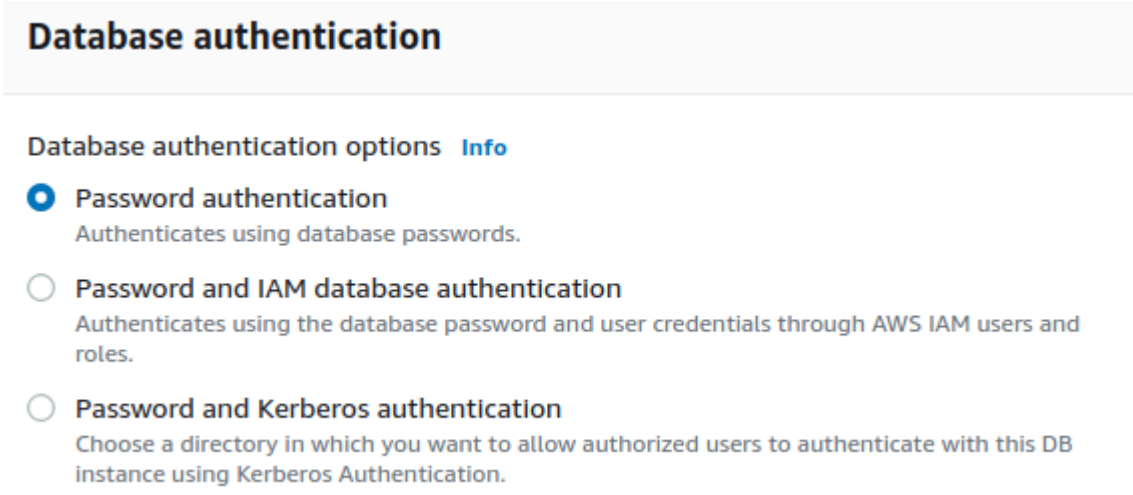
No preference

Additional configuration

Database port Info

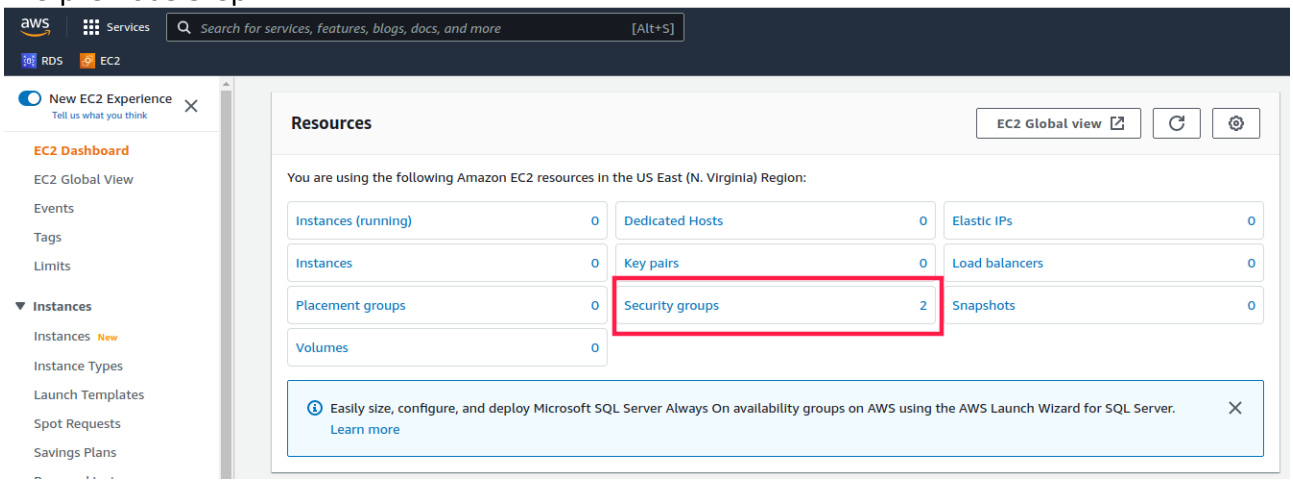
TCP/IP port that the database will use for application connections.

3306



Setting Security Group

Go to EC2 service page and look for “security groups” page. Select the group created in the previous step.



Allow “All traffic” and save.