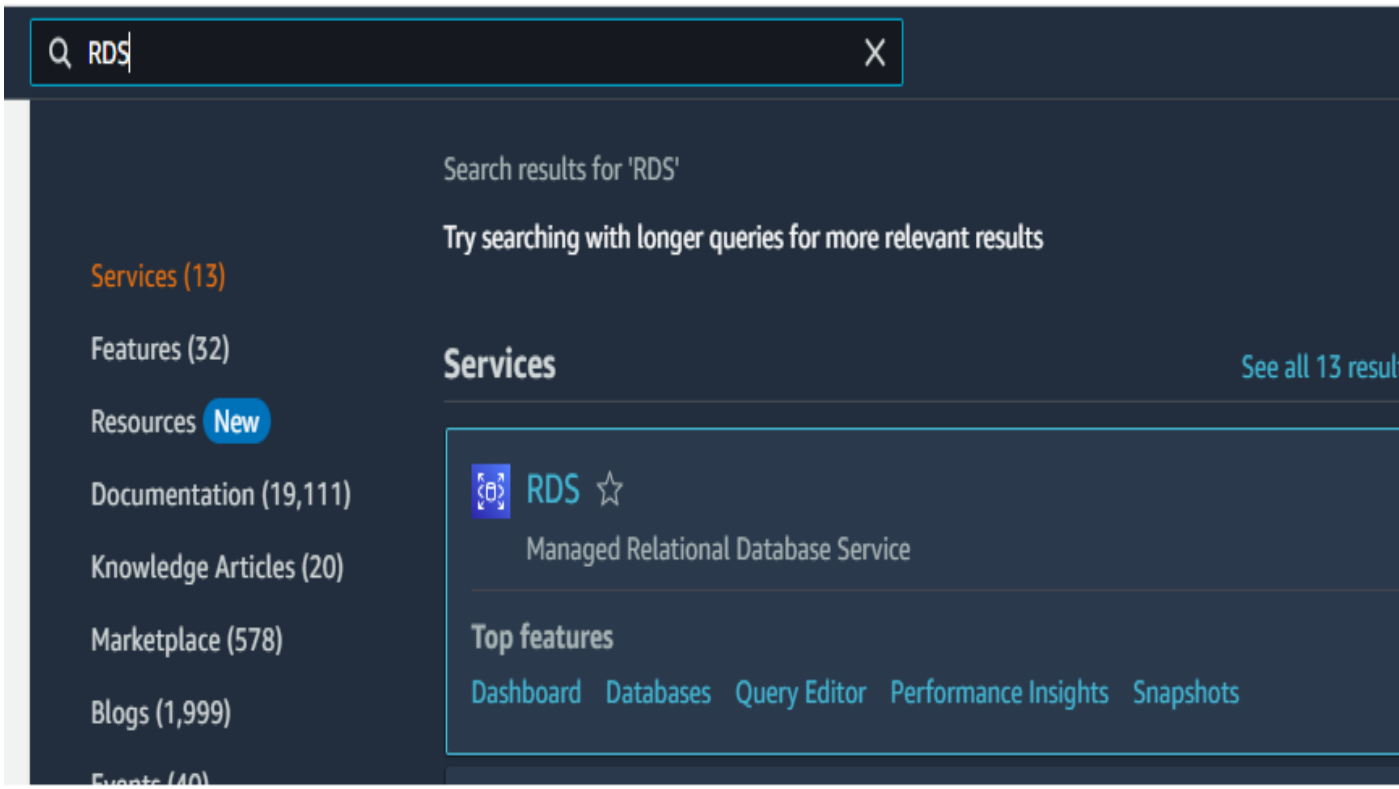
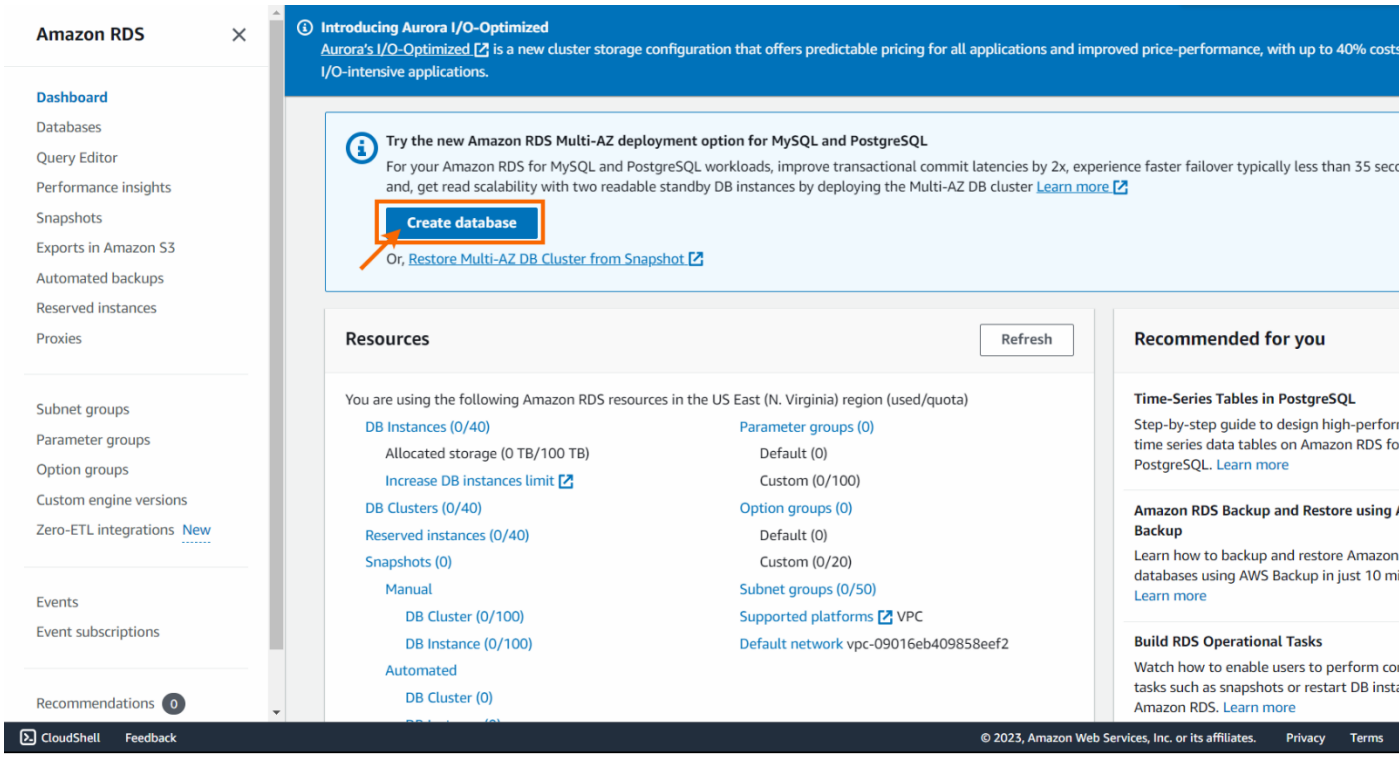
Create a MySQL database using Amazon RDS

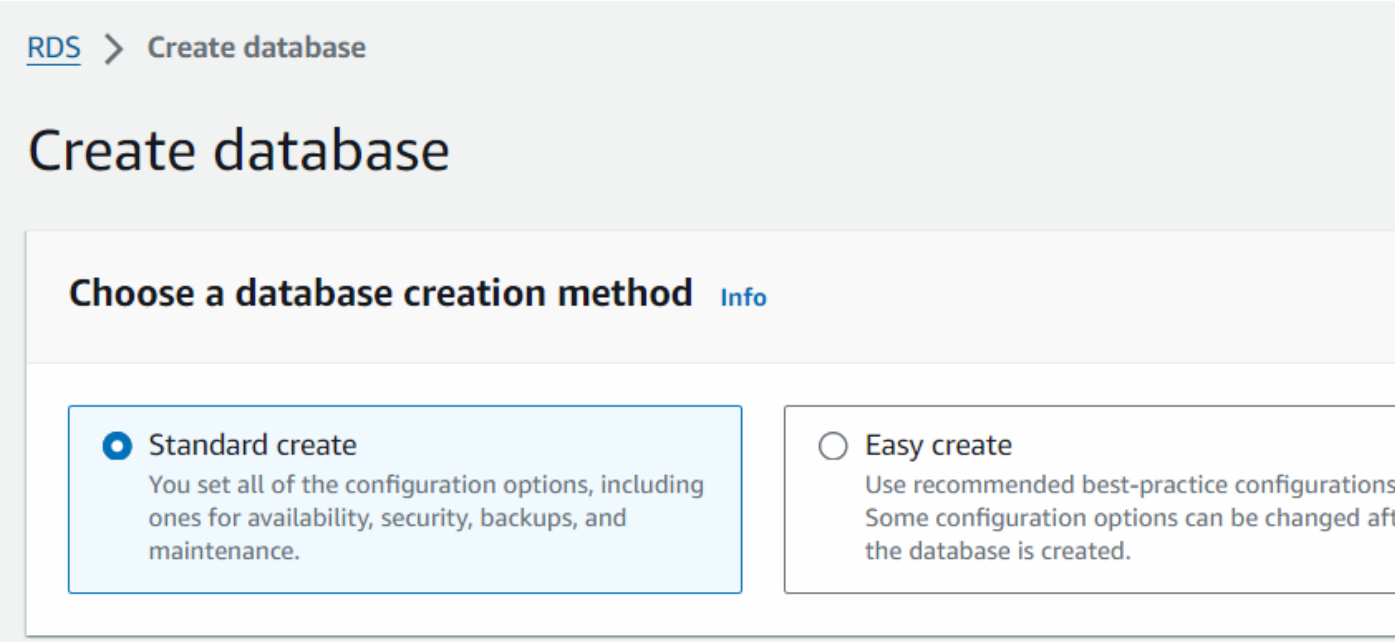
1. In the AWS Management Console, search for “RDS” using the search bar and select the RDS result under Services.



2. Click on the “Create database” button. You will be prompted to configure your database.



3. Choose Database Creation Method. In the “Create database” page, ensure that “Standard Create” is chosen.



4. Choose Database Engine: In the “Engine options” section, choose either “MySQL” as your database engine.

RDS > Create database

Create database

Choose a database creation method Info

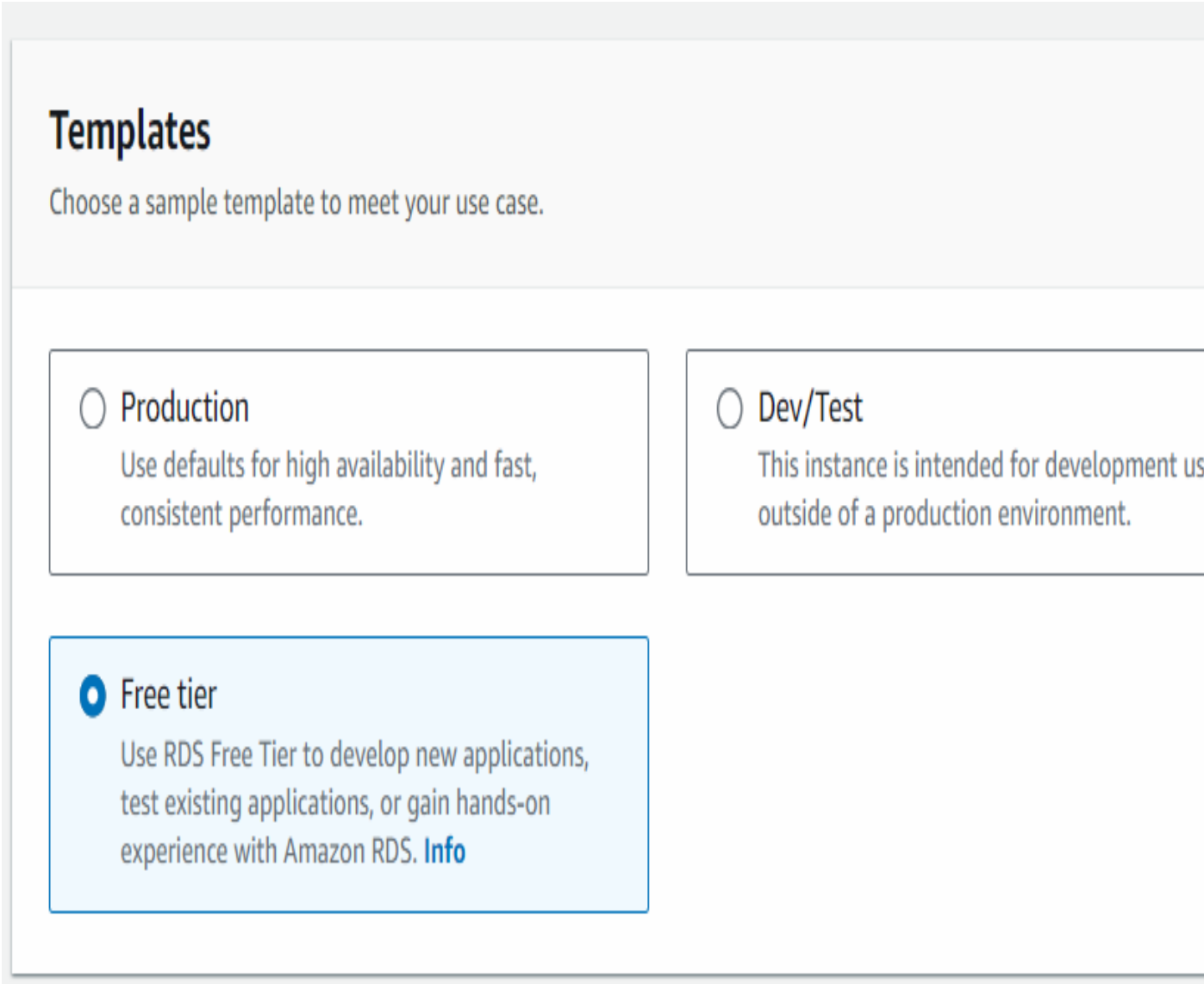
- (•) Standard create
  You set all of the configuration options, including ones for availability, security, backups, and maintenance.
- ( ) Easy create
  Use recommended best-practice configurations. So configuration options can be changed after the database is created.

Engine options

Engine type Info

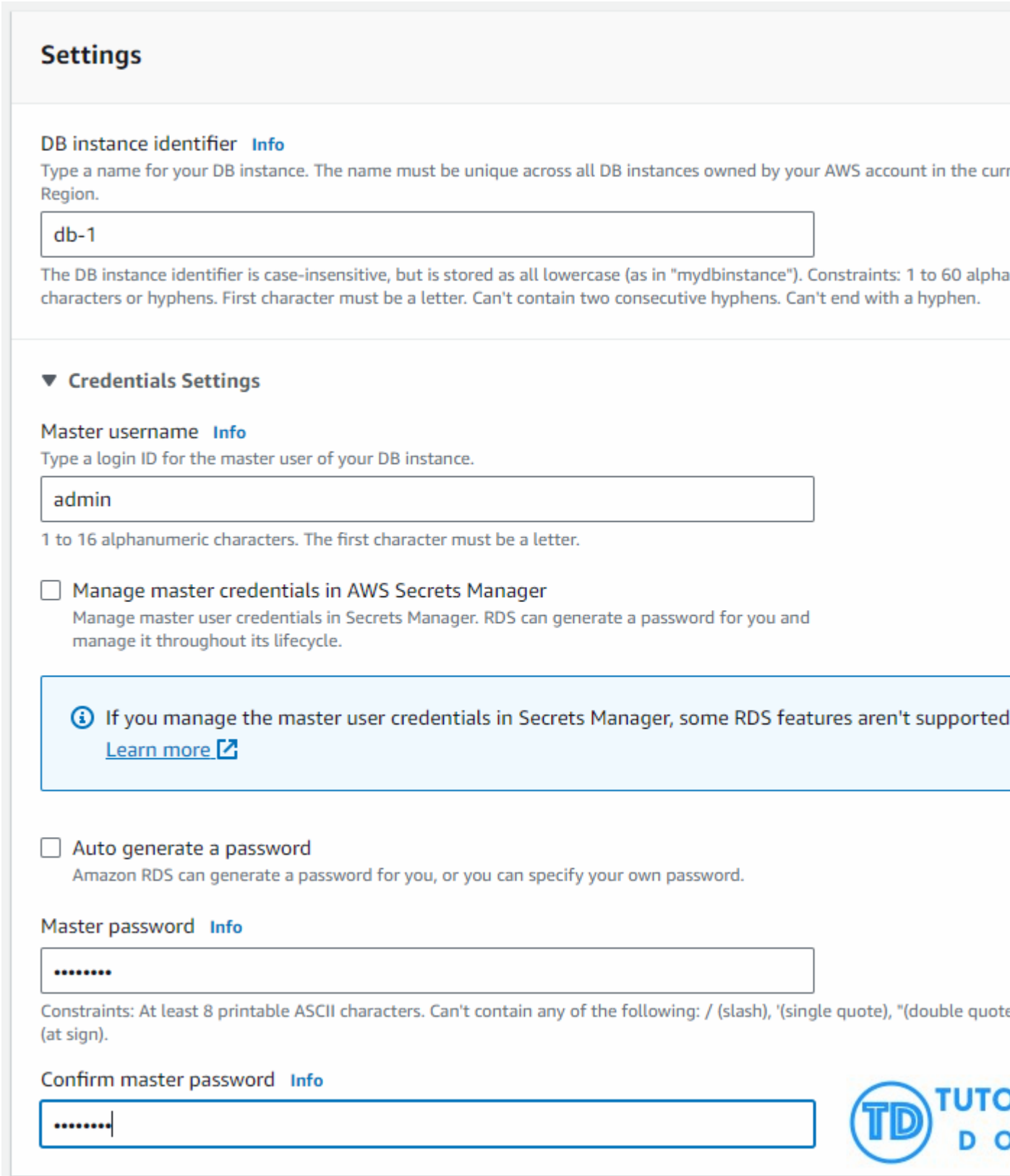
- ( ) Aurora (MySQL Compatible)
- ( ) Aurora (PostgreSQL Compatible)
- (•) MySQL
- ( ) MariaDB
- ( ) PostgreSQL
- ( ) Oracle
- ( ) Microsoft SQL Server

5. Choose DB Instance Size: In the “Templates” section, choose “Free tier”. This will automatically select the “db.t2.micro” or “db.t3.micro” instance type.



6. Configure DB Instance:

- **DB instance identifier:** Give your DB instance a unique name.
- **Master username & password:** Set the master username and password for your database.



7. Set the Allocated storage to 20 GiB only.

Storage

Storage type Info

General Purpose SSD (gp2)

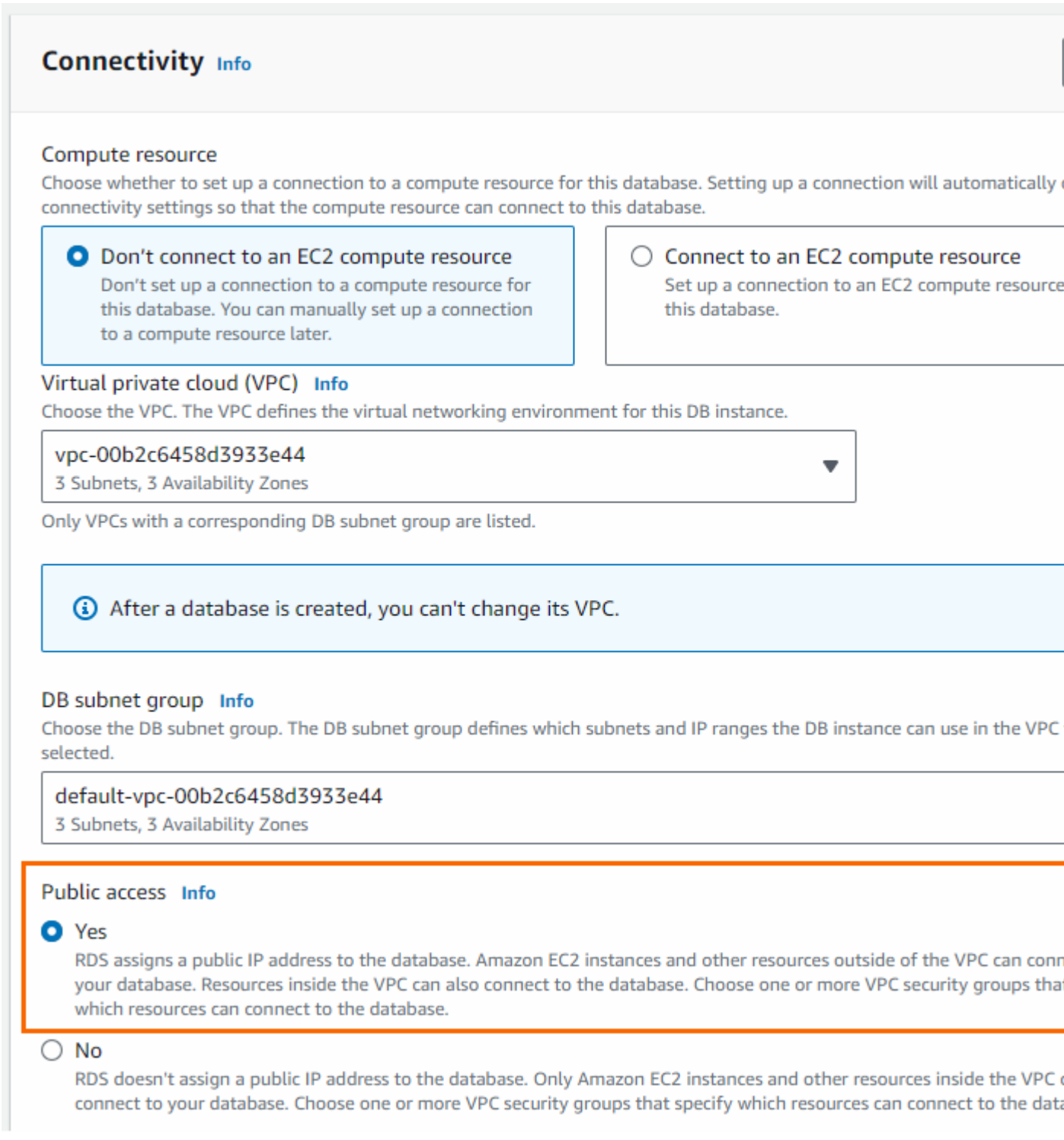
Baseline performance determined by volume size

Allocated storage Info

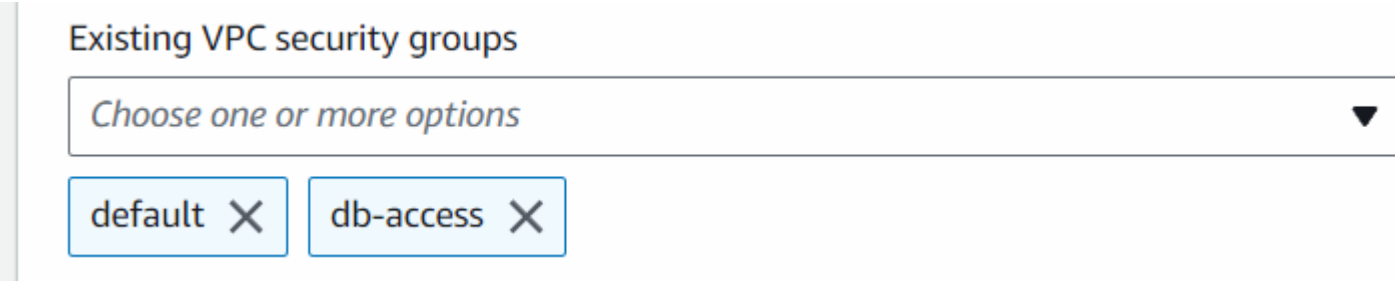
20 GiB

The minimum value is 20 GiB and the maximum value is 6,144 GiB

8. Under Connectivity, enable the Public Access option.



9. Under Connectivity, choose the created security group.



10. Expand the other sections, and take a moment to review the available configurations. It is not necessary to make any changes to the remaining configurations. You can leave them as they are set by default.

11. Click on the “Create database” button at the bottom of the page to create your MySQL database.

12. After clicking the ‘Create database’ button, a confirmation will appear to let you know that the process has started and the database has been created.