3 Tier assignment

Task: Complete the list of tasks below.

Task 1:

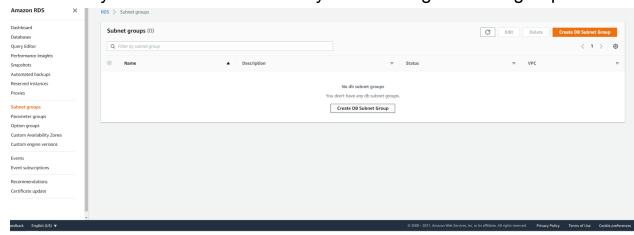
- Create a VPC with a public subnet and private subnet(hint: https://docs.aws.amazon.com/codebuild/latest/userguide/cloudformation-vpc-template.html).
- Create a new phpmyadmin EC2 and make sure it's secure
- Create a Web proxy for caching and make sure it's secure

Task 2:

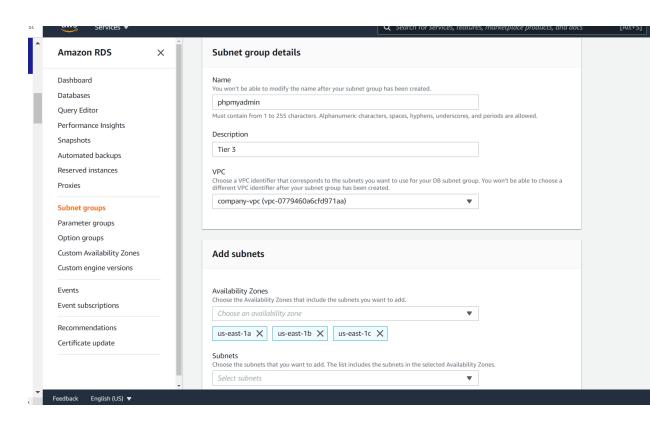
- Create an AWS load balancer to connect to your reverse proxy.

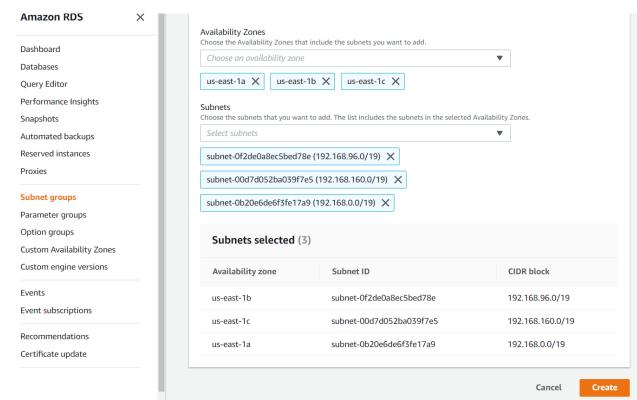
Task 3:

Create a MySQL database on AWS by first creating a subnet group

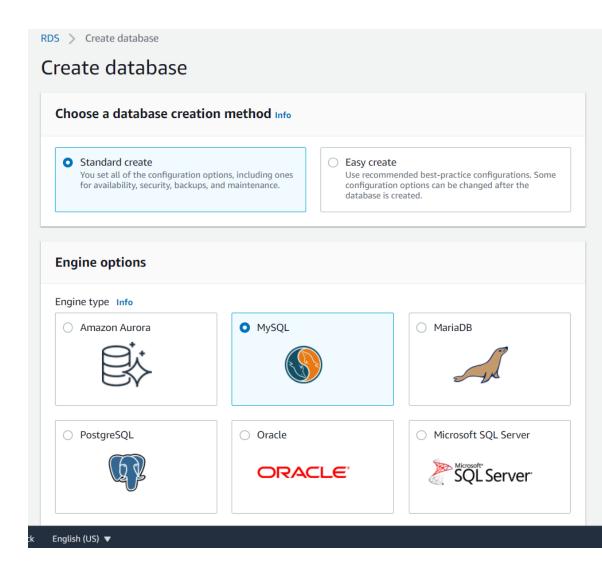


- Select your vpc and subnets

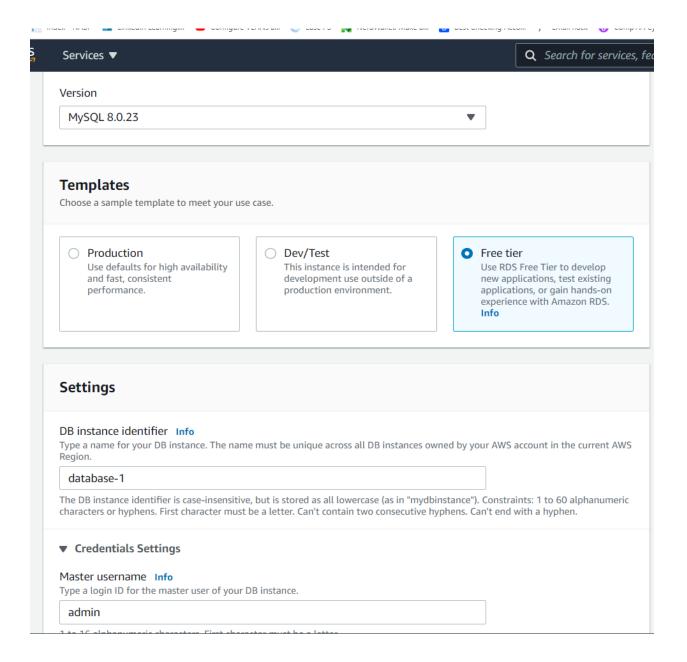


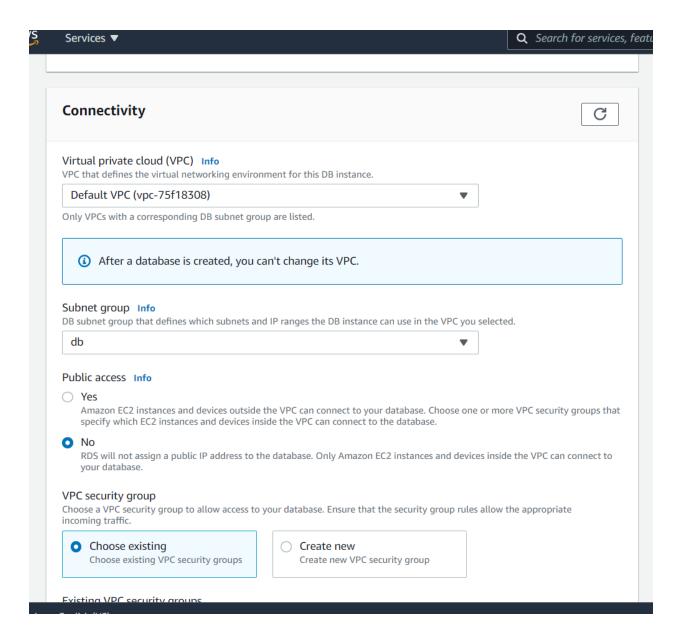


- Now create your database



- Select the free tier, set a password, you can keep admin as a username, and choose your VPC.



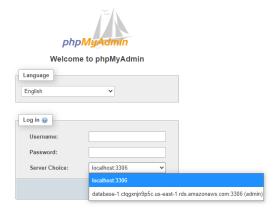


 Once you have created your database, wait for it to create and then move on to the next task.

Task 4:

- Connect the MySQL database to your application (phpmyadmin) by logging into your phpmyadmin EC2 and following the next step below:
- Below line 102 add these lines of code to the file /etc/phpmyadmin/config.inc.php:

- You will have to enter your information in the lines that read
 __FILL_IN_DETAILS__
- Host is your endpoint url.
- Enter your username and password in the user and password lines of code.
- Test the connection to your new database. You should be able to log into your AWS RDS:



Hooray!!! All Done!!

<u>Task 4:</u>

- Create a topology of what you just created and add port, security group, AWS services, and IP addresses to the topology.

