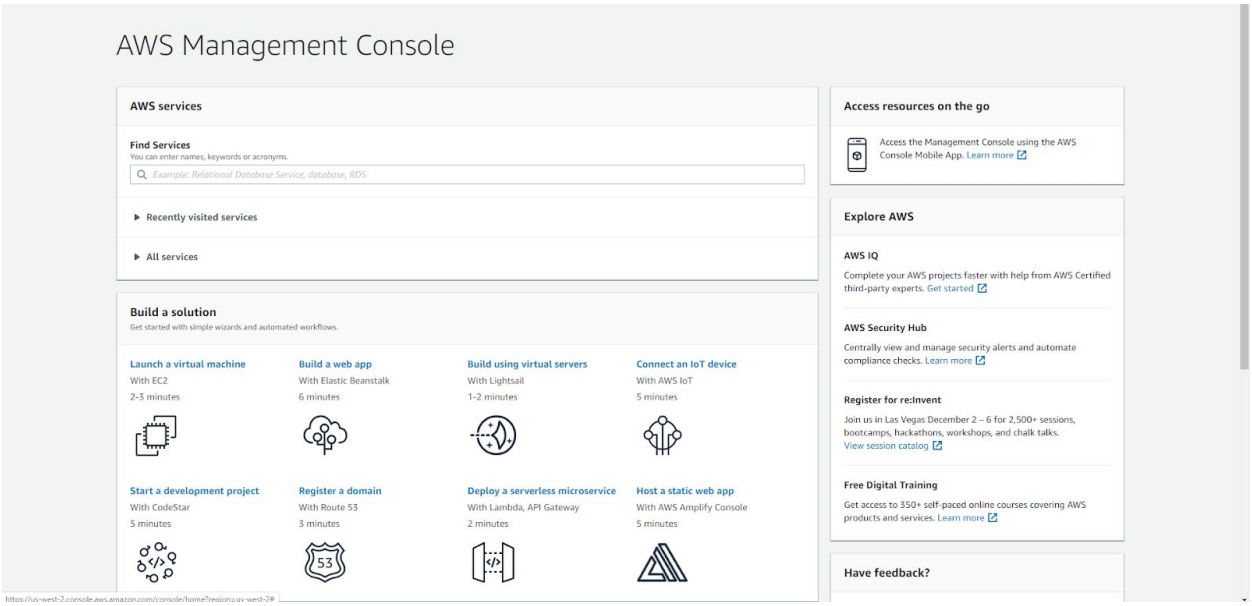
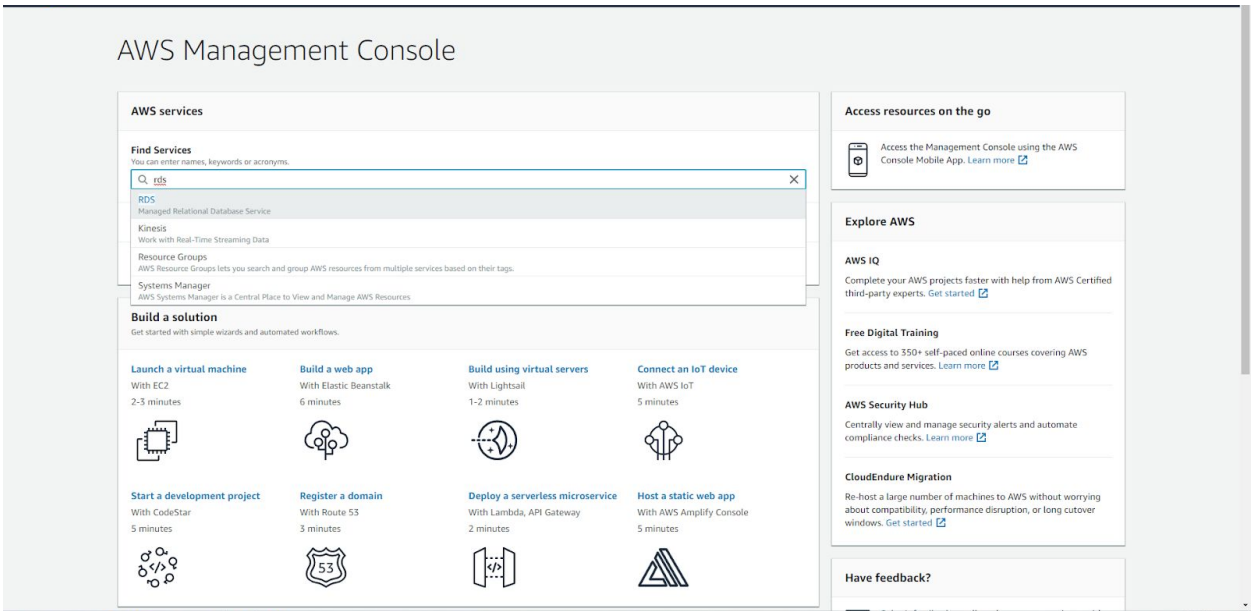
Demonstrate the activation of RDS and Cloud9

In this Amazon RDS database set up example, I'll be initializing a photo database within AWS RDS to run within an Amazon VPC created during setup.

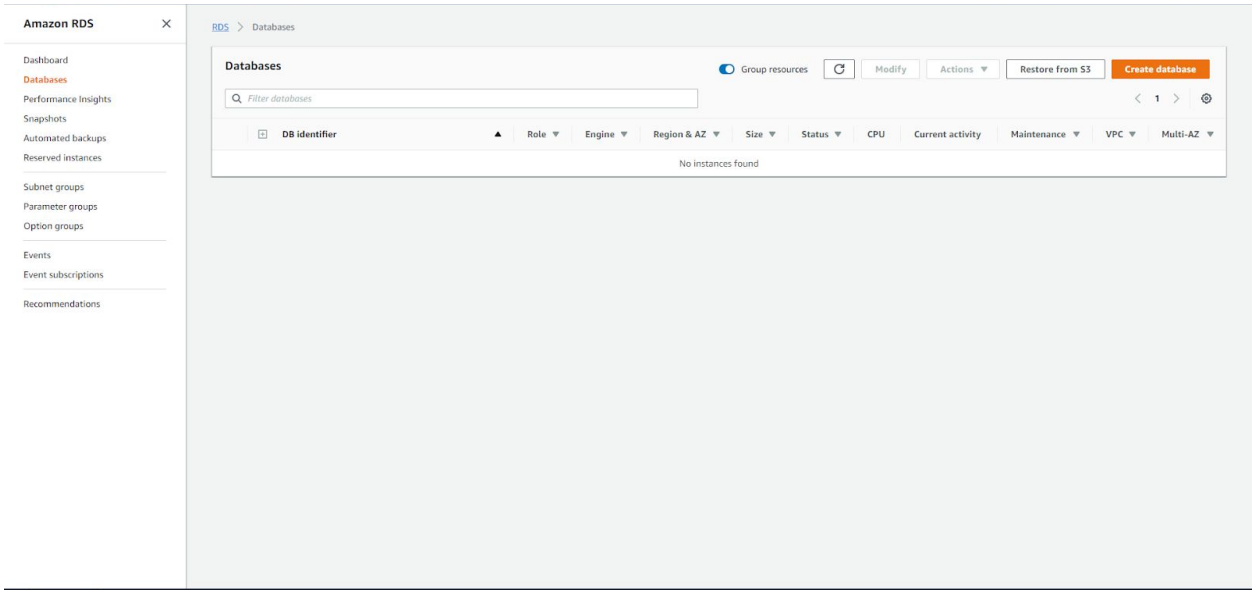
1)At the AWS console make sure Oregon AZ is selected in the top right corner.



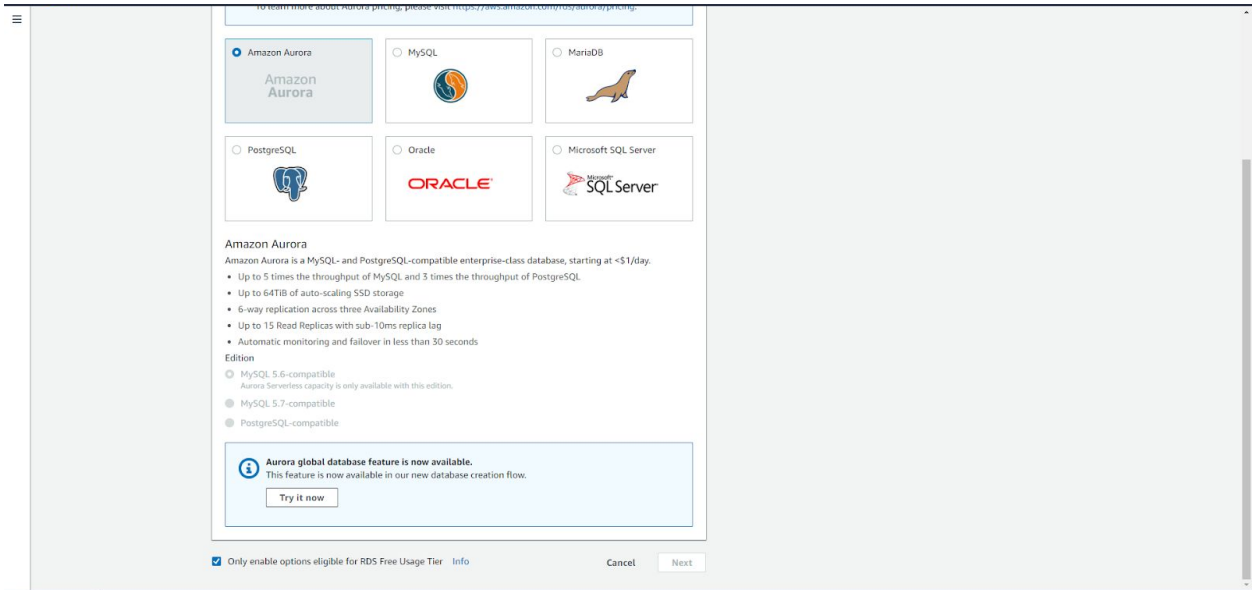
2)At the AWS management console under find service, type in RDS.



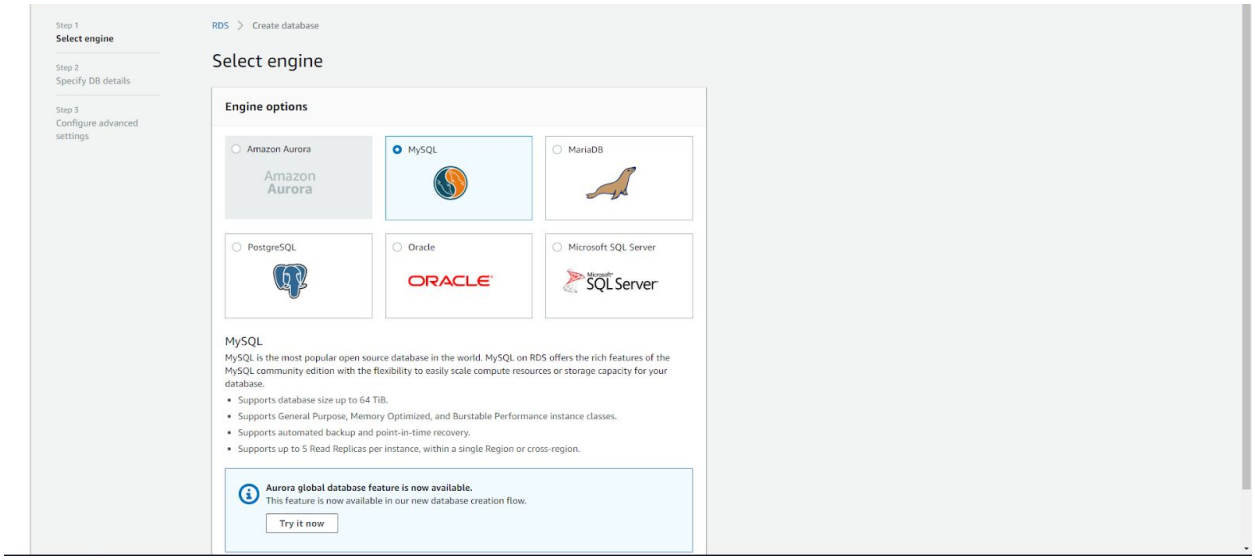
3)Select databases on the right to list all databases in use. Select Create database.



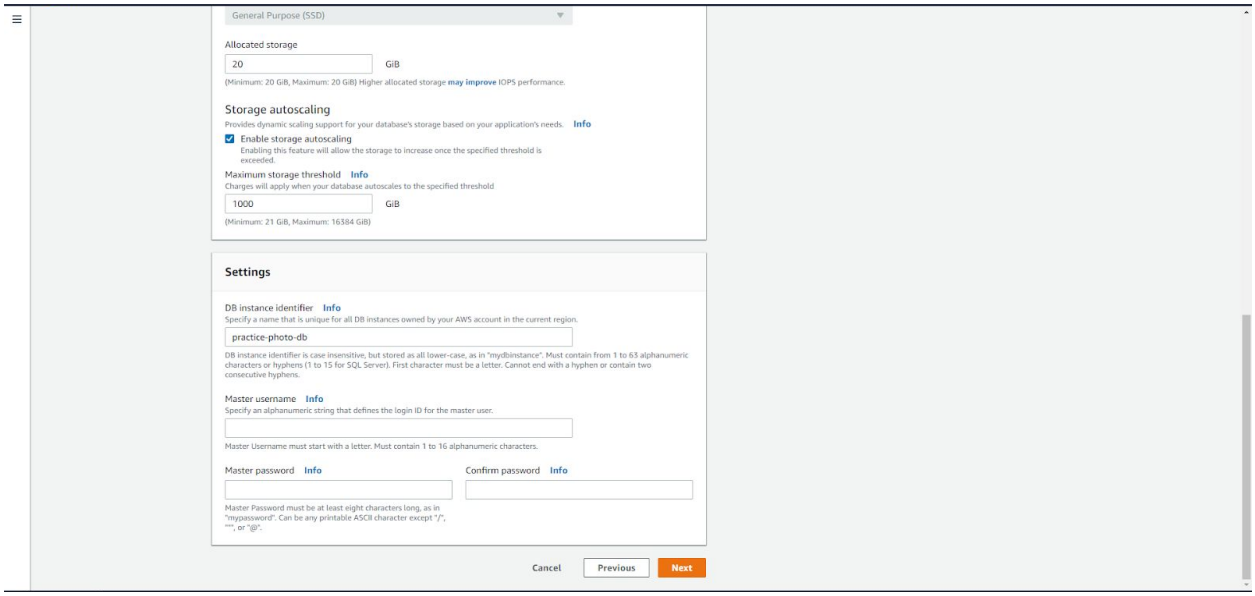
4)Scroll to the bottom of page to enable Free Tier options



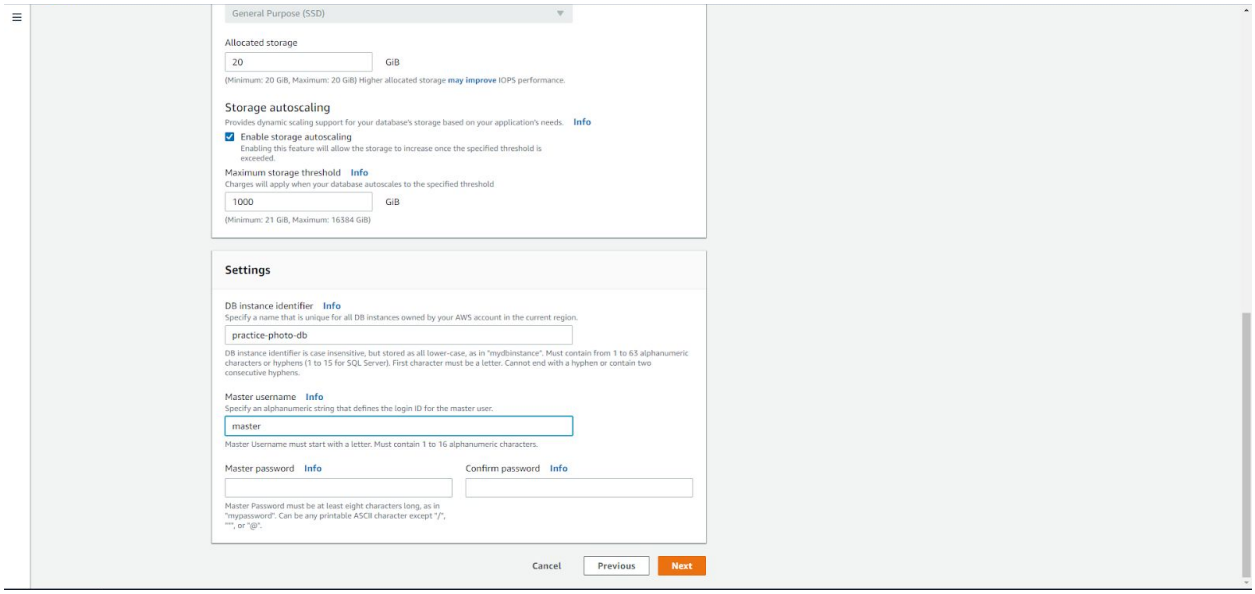
5)Select MySQL



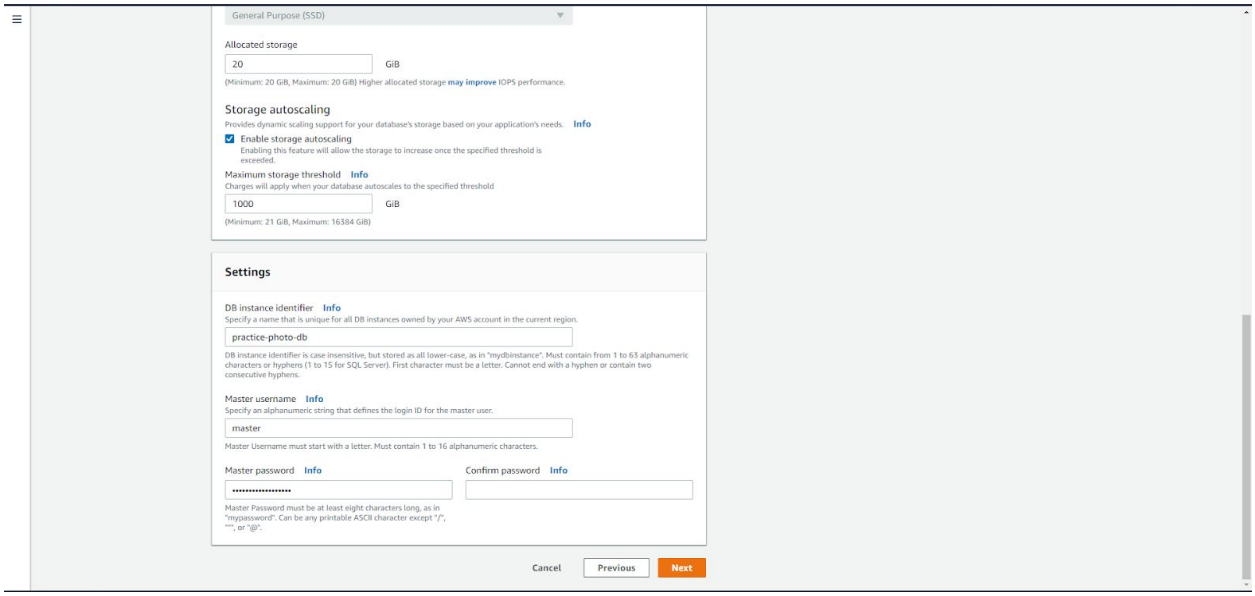
6)Scroll to the bottom and enter DB instance identifier



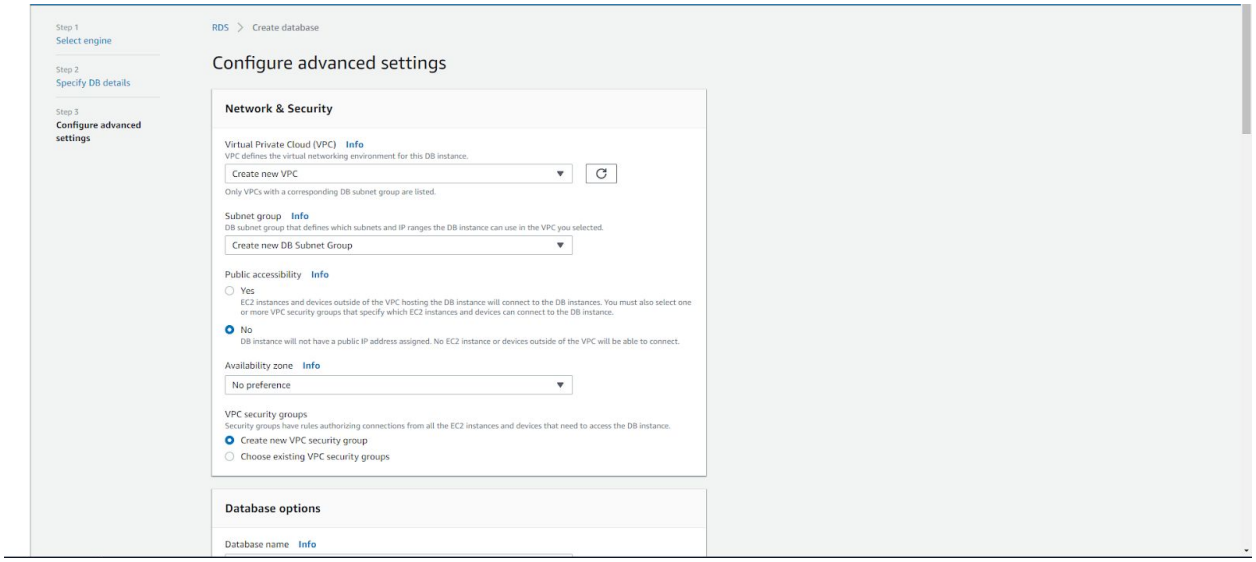
7)Enter a name for Master username



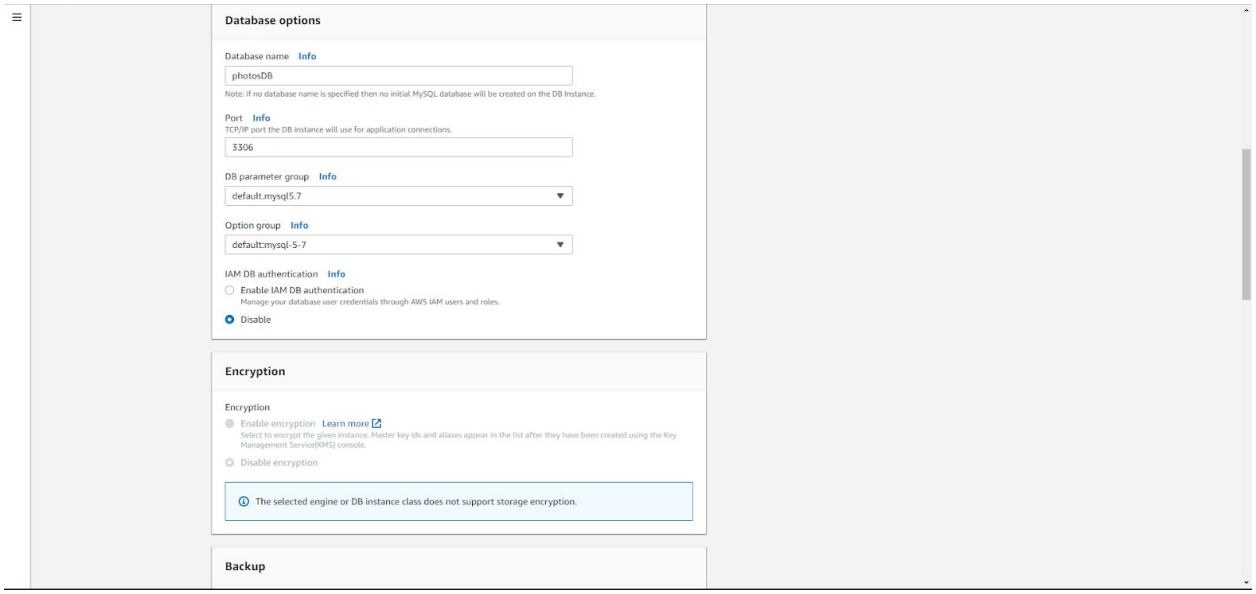
8)Enter a master password then select Next



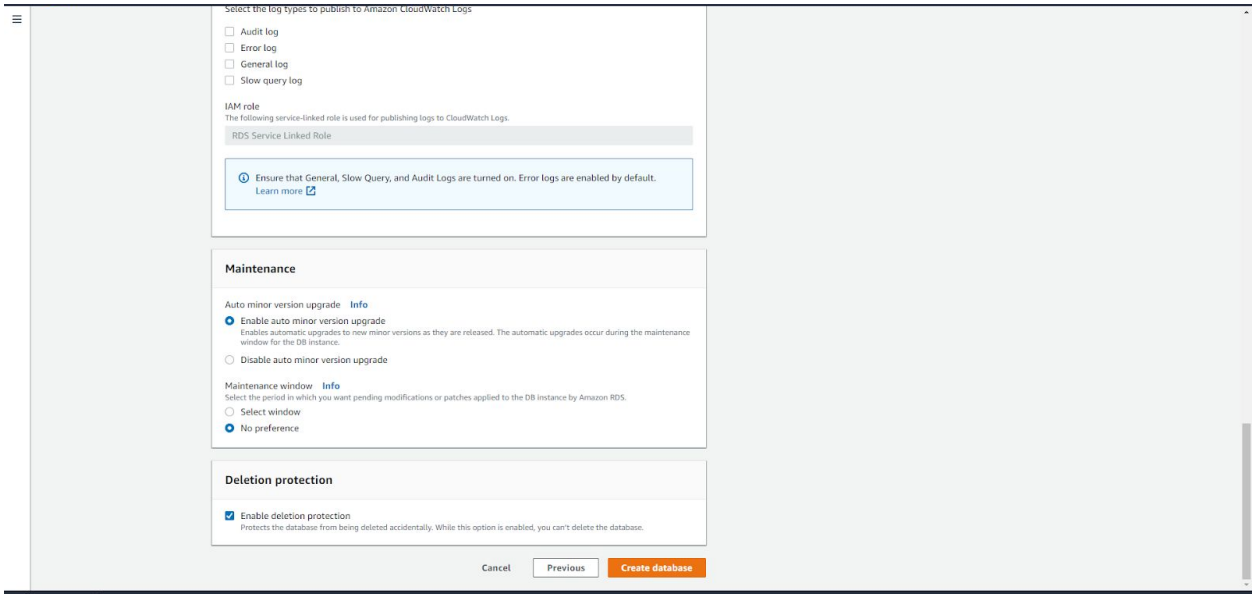
9)Under VPC select Create new VPC



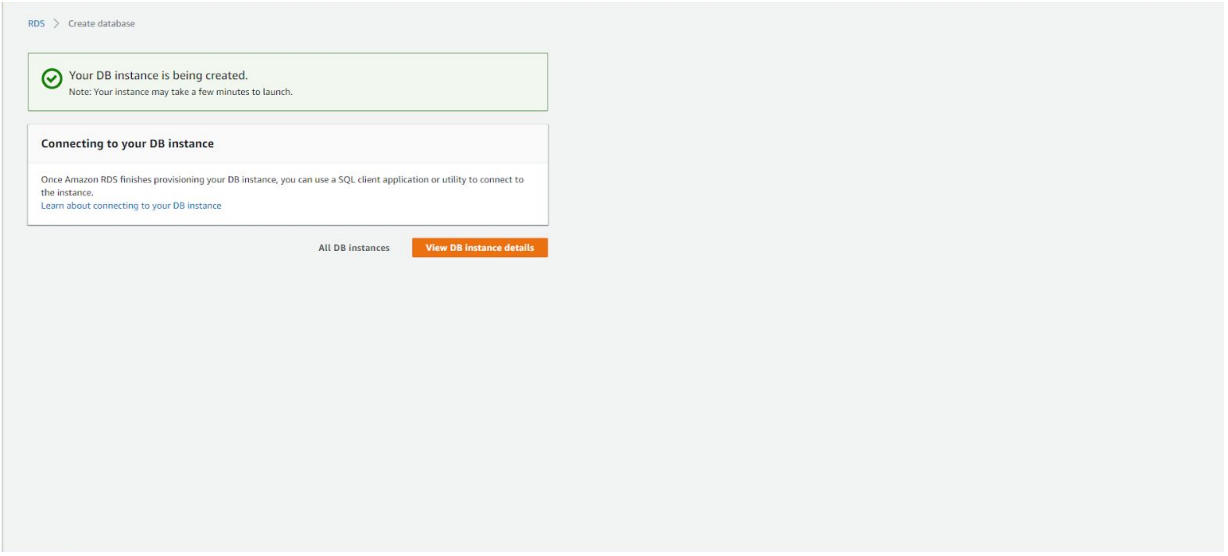
10)Give the database a name



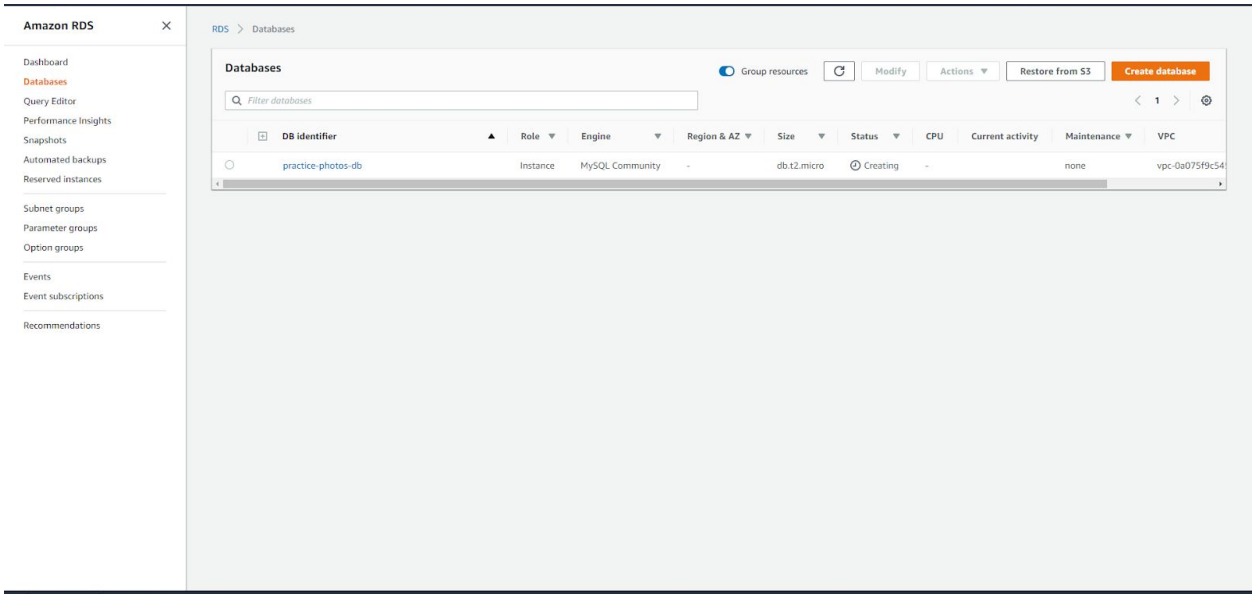
11)Scroll to bottom and select Create database



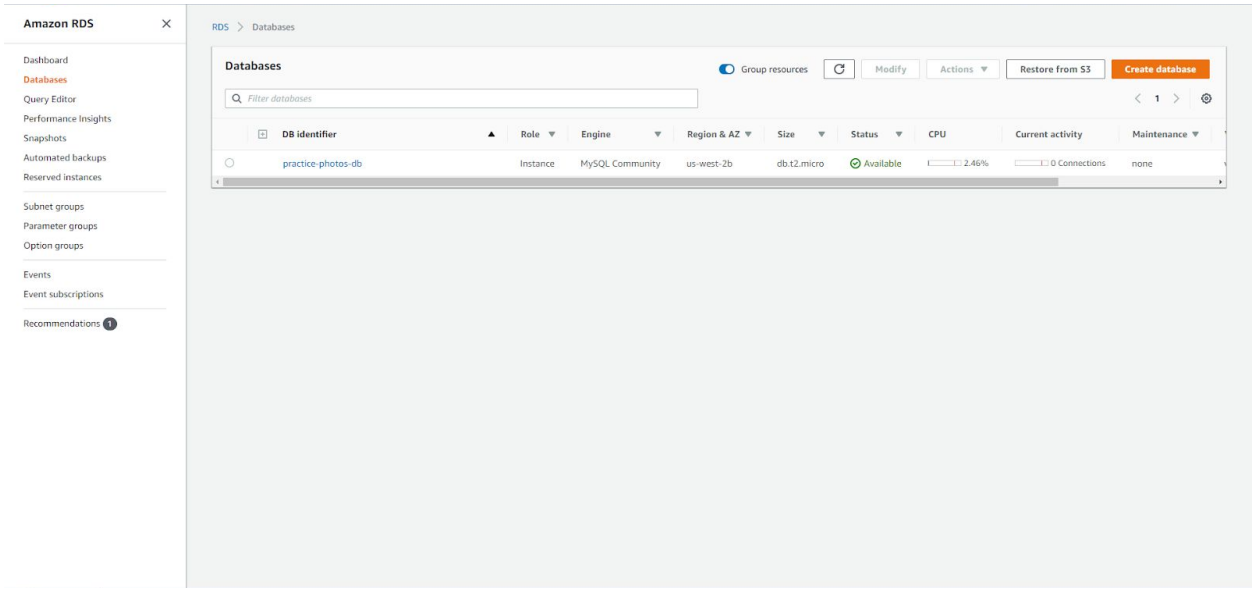
12)After a few moments Select View DB instance details



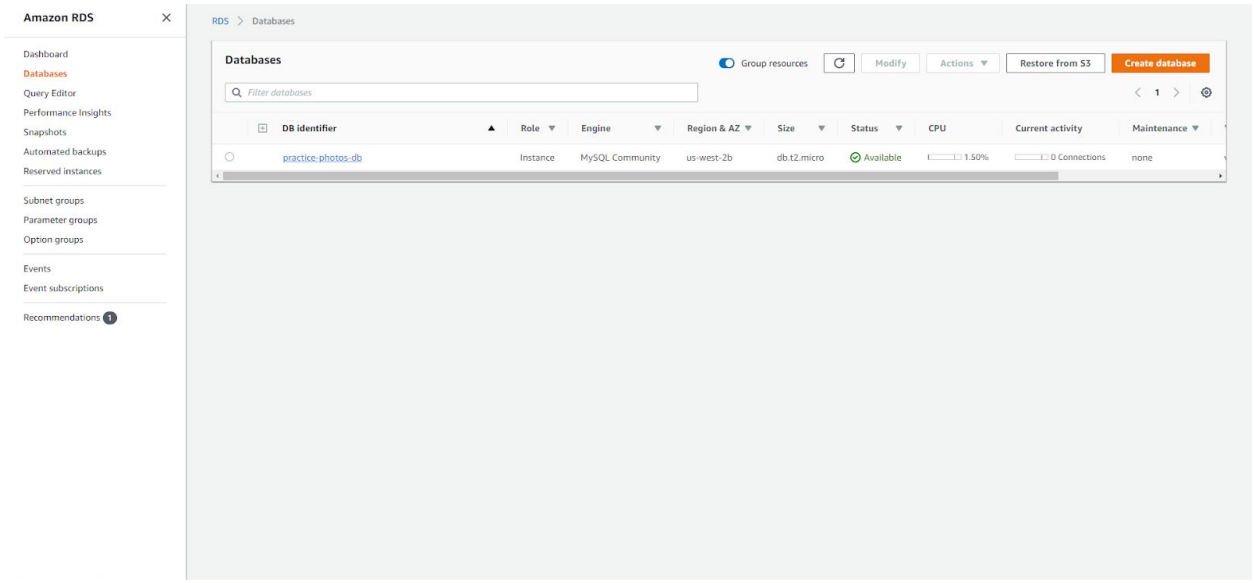
13)Wait for status Available, which will take about 5 mins



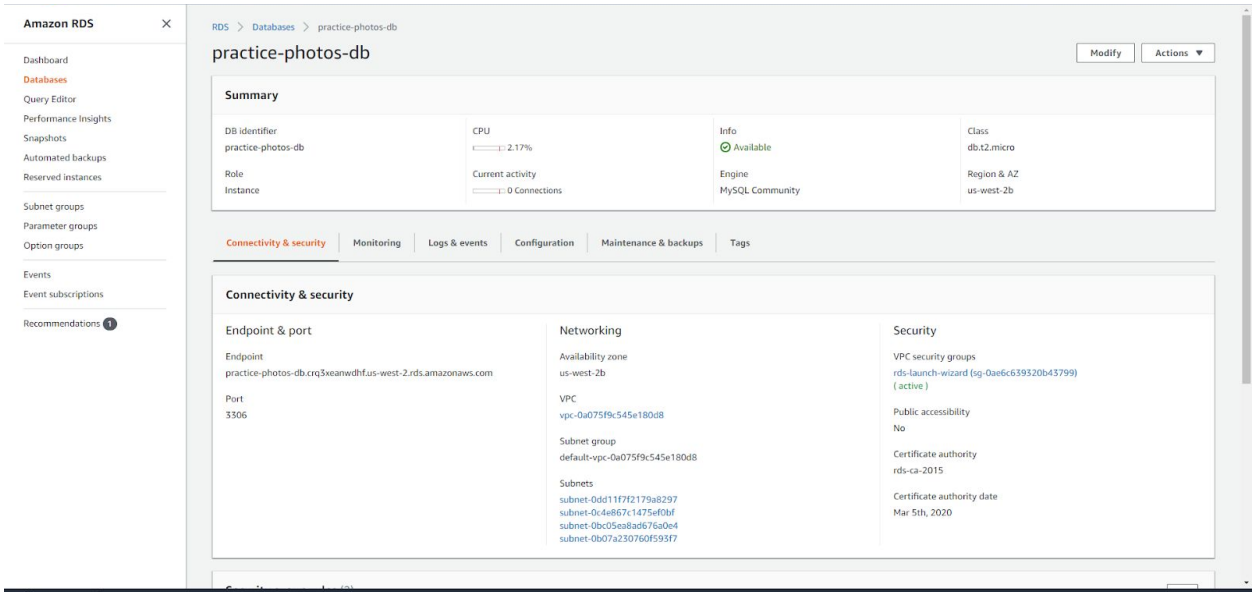
14)Note the green Available status. The RDS is ready to go.



15)Select on the database just created



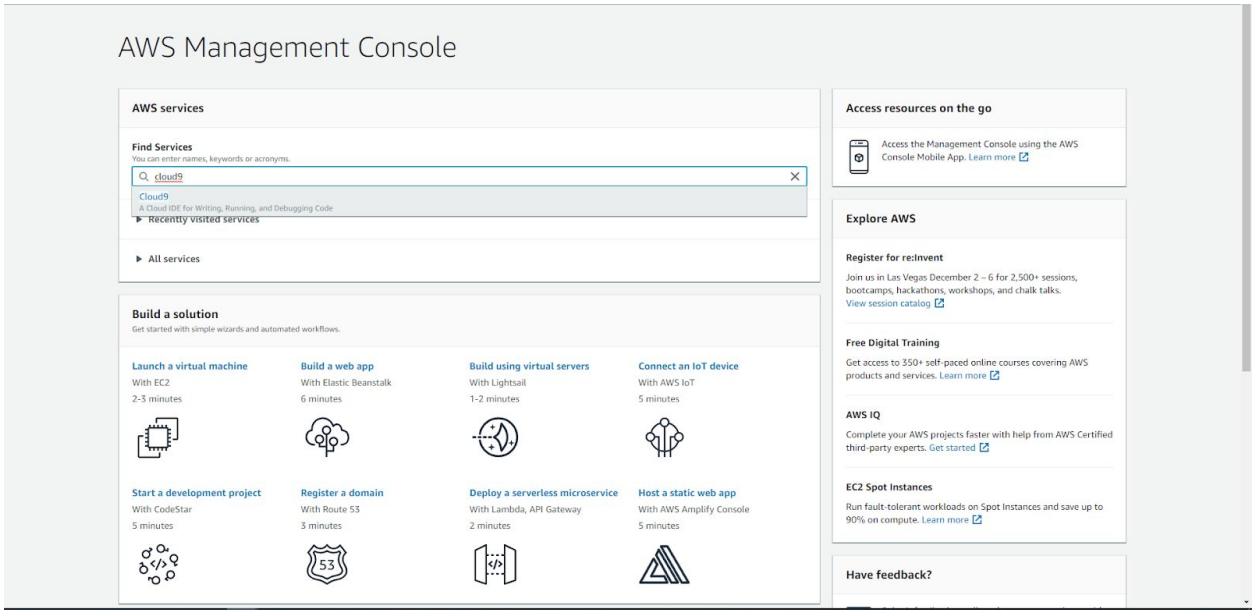
16)That's it! A new VPC instance has been created in the process of making a photo database. Note the endpoint and VPC details.



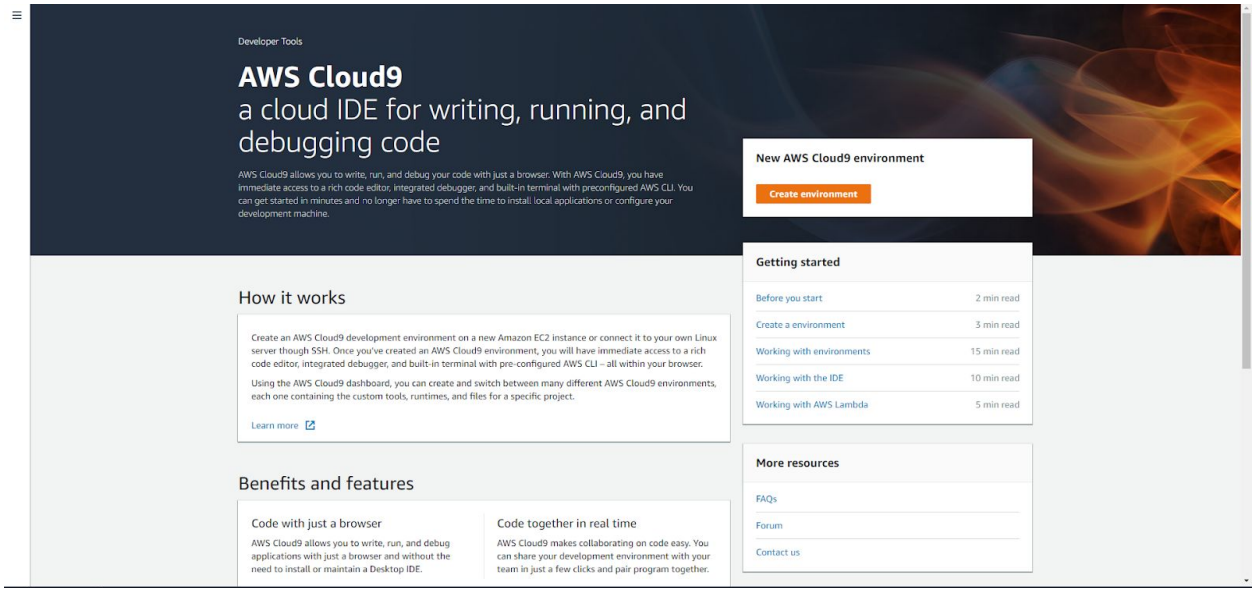
Demonstrate the activation of an Amazon Cloud9 Environment

In this Amazon Cloud9 environment set up example, a Cloud9 initialization will provide an environment for code to be implemented for our photo database.

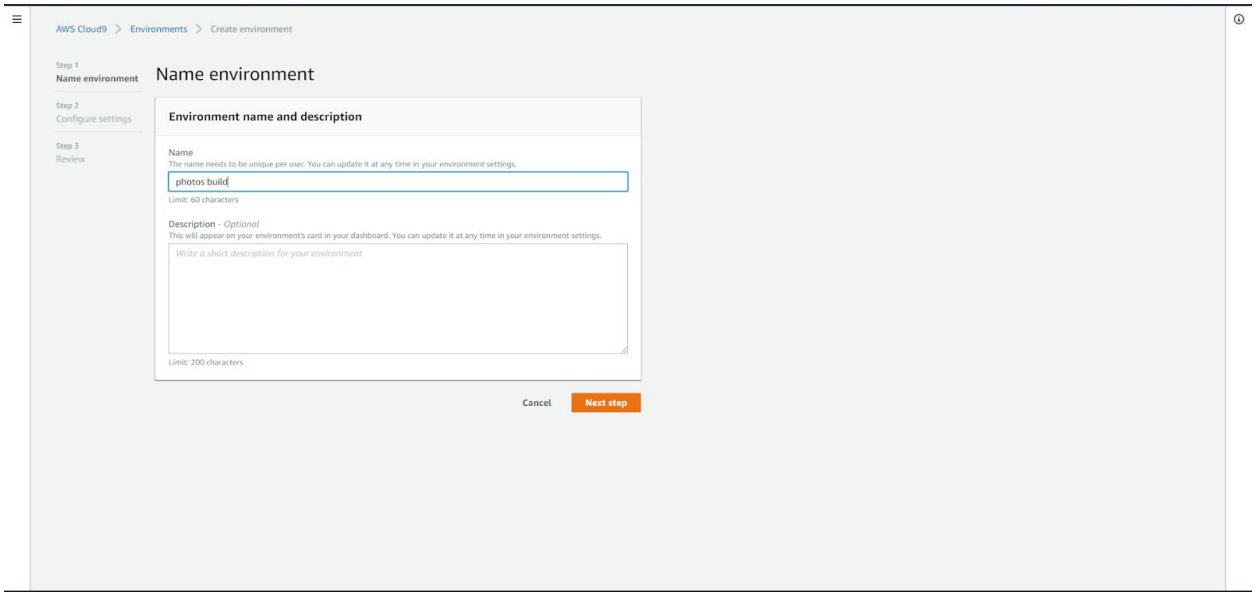
1)From the AWS Management Console, enter Cloud9



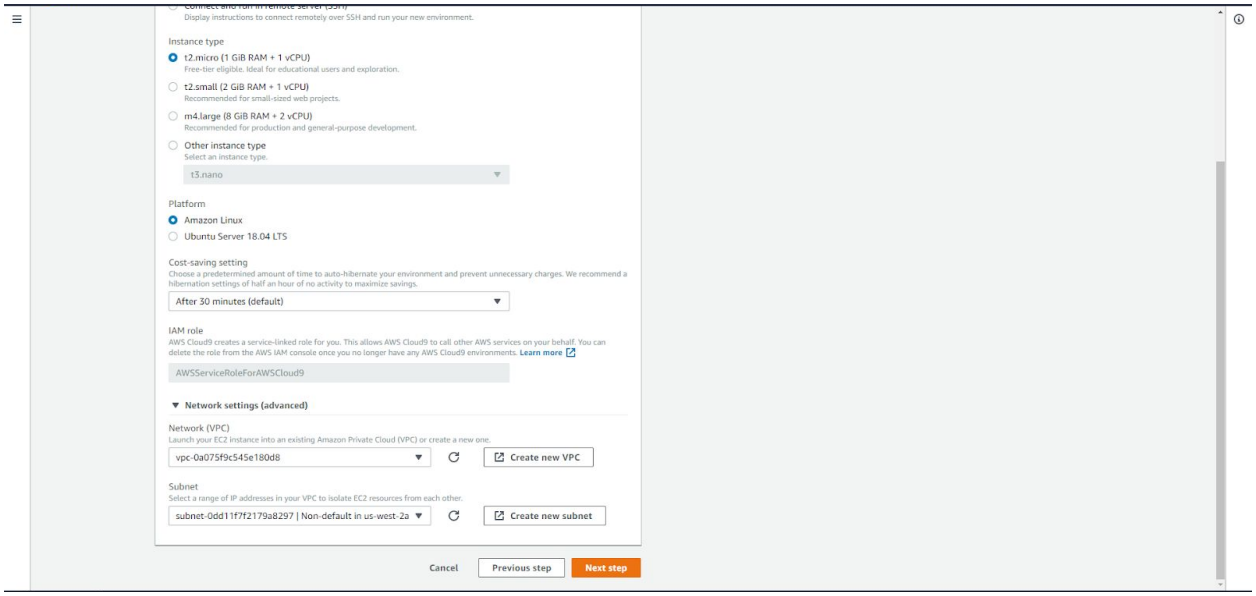
2)Select Create environment



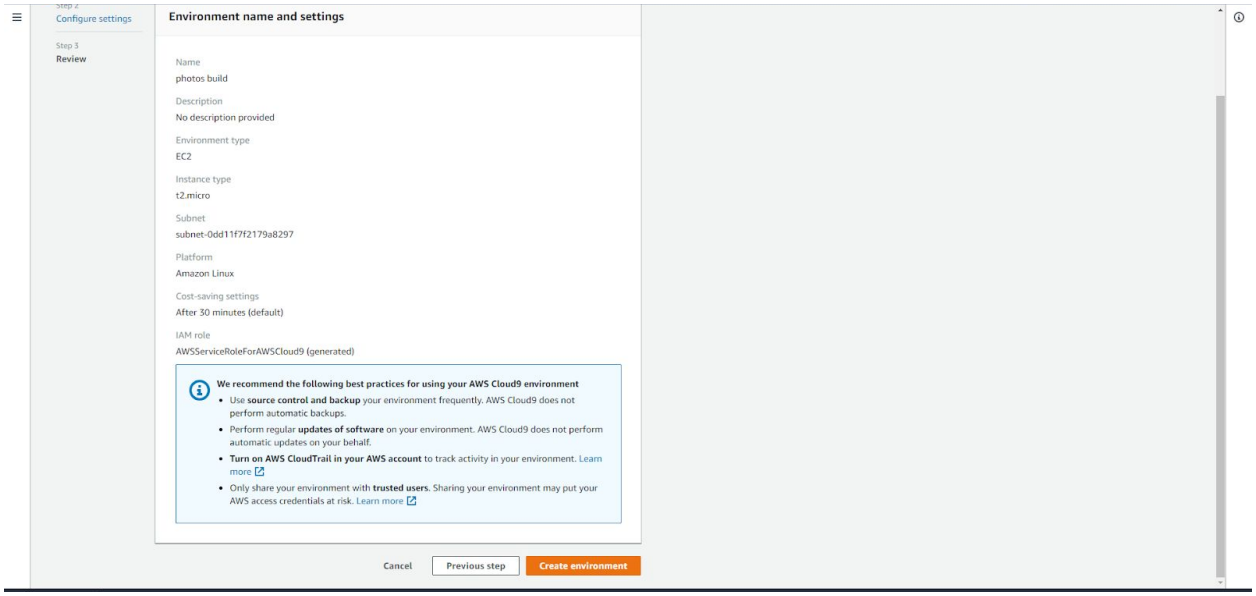
3)Name the environment



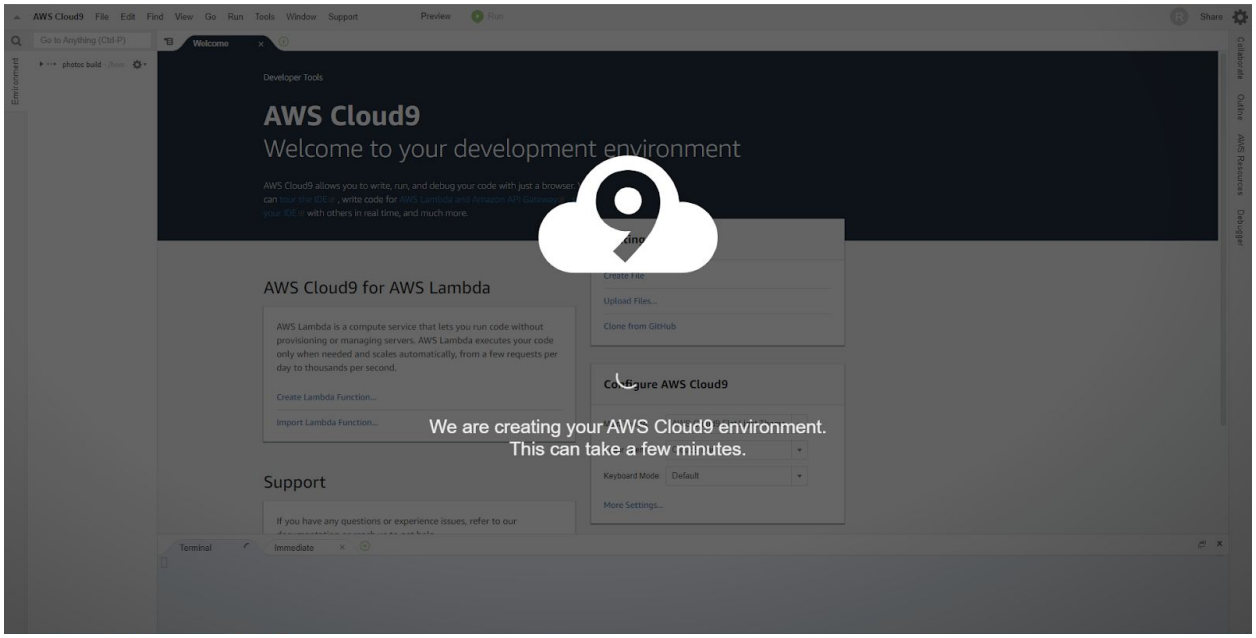
4)Scroll to the bottom and select the VPC from the last section or create a new VPC. Select us-west-2a under subnet, this will allow provisioning of our services we decide to incorporate into Cloud9. Select Next step



5)Select Create environment



6)Wait for the Cloud9 environment to finish



7)That's it! Here is the location where code for the database will get worked on. To save code, a repository either from AWS CodeCommit or some other web server is utilized. There's a terminal window at the very bottom, a file structure outline to the left, and in the center a code editor tab. Launching code can occur within Cloud9. However, Amazon Beanstalk can simplify and automate this process for a more throughput release.