UNIT 4.5 GRADED ASSIGNMENT

Group members

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Task:

Based on the solution from day 1

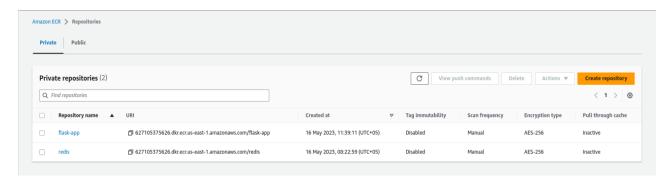
(/tasks/5_microservices_development/day_1_microservices/integrating_flask_red is/) add Redis as another ECS service and connect it with existing application. Incorporate results from function <code>get_and_increase_hit_count()</code> into the application and show the results on the main page.

Solution:

Create Repositories:

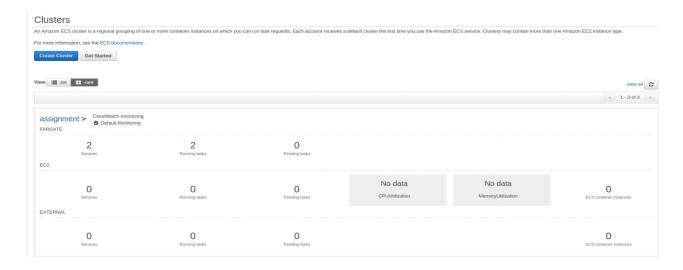
First of all, I created two repositories in ECR and then pushed the images of flask-frontend and redis to the ECR repositories.

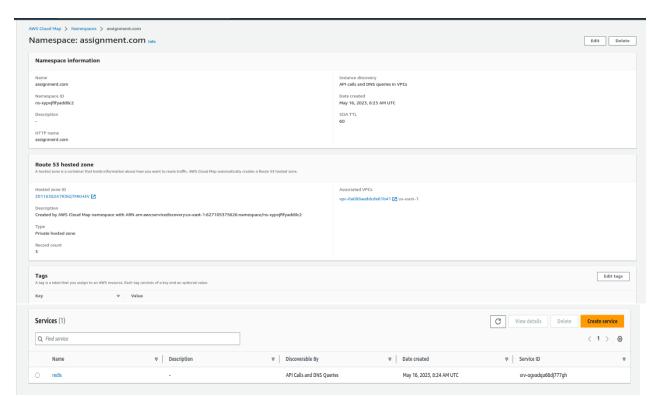
I build flask-frontend image with the flask app provided to us and I pull redis image from docker hub.



Create cluster and namespace:

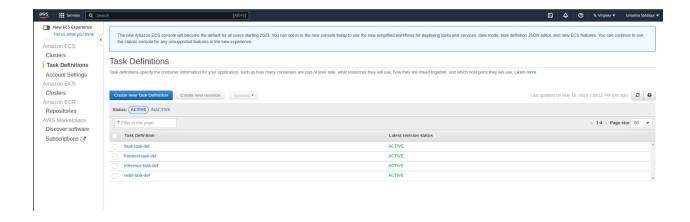
I also create a cluster and using the vpc of that cluster, I create a namespace and create a service in that namespace.





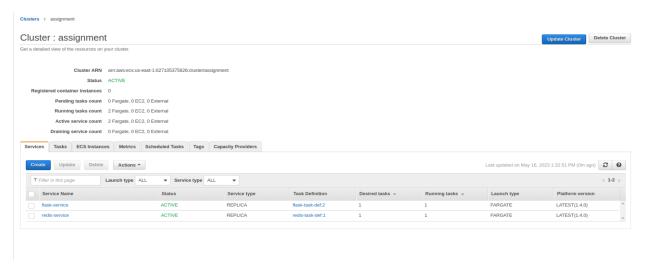
Create task definitions:

After creating namespace I created two task definitions for flask app and redis.

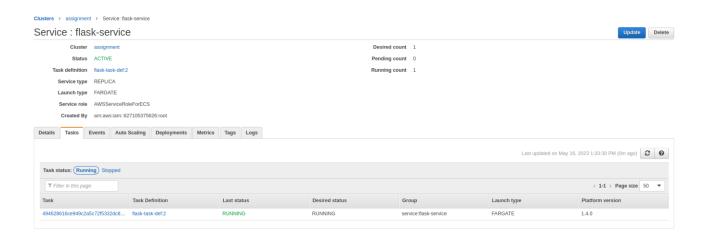


Create services:

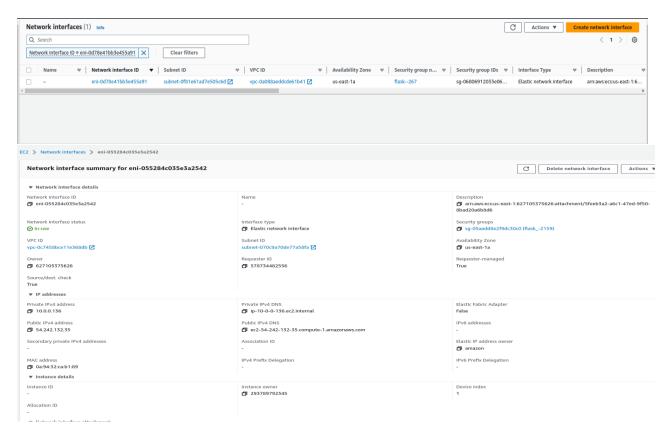
And then using the task definitions I create two services in the cluster which I created before:



After this I can see the running tasks in my services.







Copy the public IPv4 DNS and paste it on browser and attach 5000 port with it.

