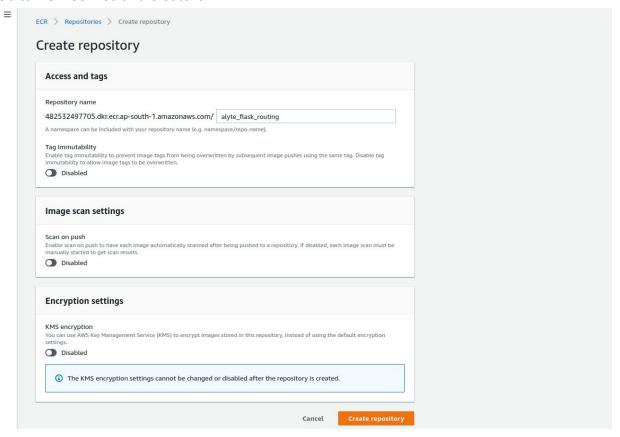
Alyte python routing service for Sandbox ENV

Note: Before creation please Create VPC | Alyte-Prod Click here for VPC Creation If not create

Step 1: Create ECR repository: alyte_flask_routing

- 1. Login aws portal
- 2. Go to ECR service and create it

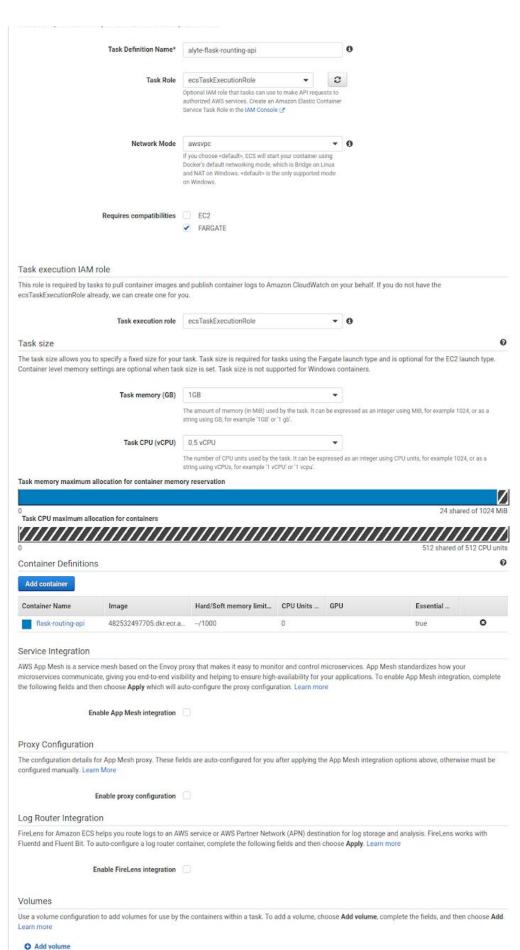


Step 2 : Create Task definition : alyte_flask_rrouting

Note: copy sandbox definition

3.

Account Settings
Amazon ECR
Repositories
AWS Marketplace
Discover software
Subscriptions



Configure via JSON

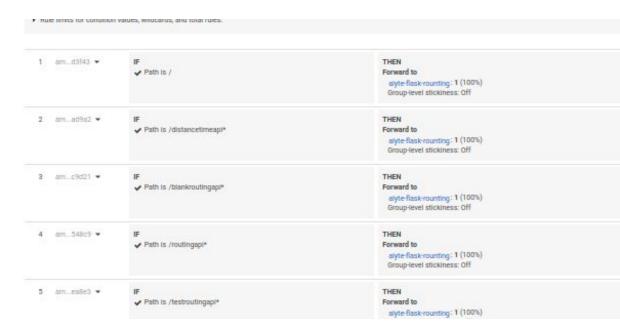
Step 3. application Load balancer: node is backend load balancer

Ec2 << load balancer << Alb << update nodejs backend balancer

Note: Load balancer under VPC | alyte_prod

Note: update nodejs load balancer target group

1. Click load balancer << listener<< view and edit rules << Edit



Step 4 : Create ECS Cluster AS Fargate type : Click here for custer creation

Step 5 : Create Service under cluster AS Fargate type Service : Create ECS SERVICE

Step 6 : Create ECS service with Codepipeline CICD : Please follow step for CICD

NOTE: Refer sandbox build spec file for deployment

```
REPOSITORY URI=482532497705.dkr.ecr.ap-south-1.amazonaws.com/flask api
      - COMMIT_HASH=$(echo $CODEBUILD_RESOLVED_SOURCE_VERSION | cut -c 1-7)
      - IMAGE TAG=${COMMIT HASH:=latest}
 build:
   commands:
     - echo Build started on `date`
      - echo Building the Docker image...
     - docker build -t flask_api .
      - docker tag flask_api:latest $REPOSITORY_URI:$IMAGE_TAG
 post_build:
   commands:
     - echo Build completed on `date`
      - echo Pushing the Docker images...
     - docker push $REPOSITORY_URI:$IMAGE_TAG
      - echo Writing image definitions file...
      - printf '[{"name":"flask-routing-api","imageUri":"%s"}]'
$REPOSITORY_URI:$IMAGE_TAG > imagedefinitions.json
artifacts:
   files: imagedefinitions.json
```