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TestConrollerjava ×

package com.realspeed.controller;

import org.springframework.http.HttpStatus;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.ResponseStatus;

@import org.springframework.web.bind.annotation.RestController;

@RestController
public class TestConroller {

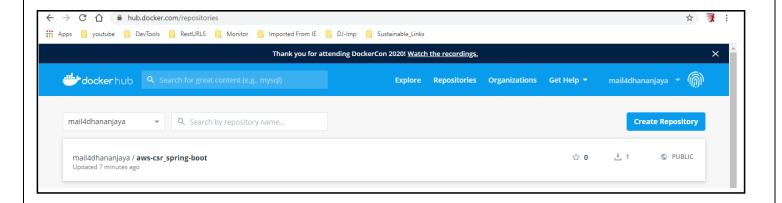
@GetMapping
@ResponseStatus(HttpStatus.OK)
public String test() { return "Hello DJ"; }
}
```

- 1. mvn clean install
- 2. Start the docker container
- 3. docker build -f Dockerfile -t aws-csr_spring-boot .
- 4. docker images
- 5. docker run -p 8080:8080 aws-csr_spring-boot

Run below commands for docker hub

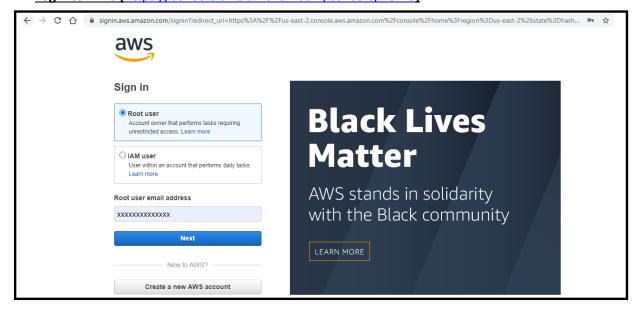
docker tag aws-csr_spring-boot:latest mail4dhananjaya/aws-csr_spring-boot:latest docker push mail4dhananjaya/aws-csr_spring-boot:latest

```
E:\Project\Java_Projects\aws_csr_spring-boot\aws_csr_spring-boot>docker push mail4dhananjaya/aws-csr_spring-boot:latest
The push refers to repository [docker.io/mail4dhananjaya/aws-csr_spring-boot]
668a9a23fd92: Pushed
35c20f26d188: Pushed
c3fe59dd9556: Pushed
6ed1a81ba5b6: Pushed
a3483ce177ce: Pushed
ce6c8756685b: Pushed
30339f20ced0: Pushed
30339f20ced0: Pushed
deb22bfb707d: Pushed
da2ae92ffcd29: Pushed
latest: digest: sha256:b0e30808a3e72cefca5713a42b18522d3e338d5033386911f8673c2eda758f1d size: 2212
E:\Project\Java_Projects\aws_csr_spring-boot\aws_csr_spring-boot>
```

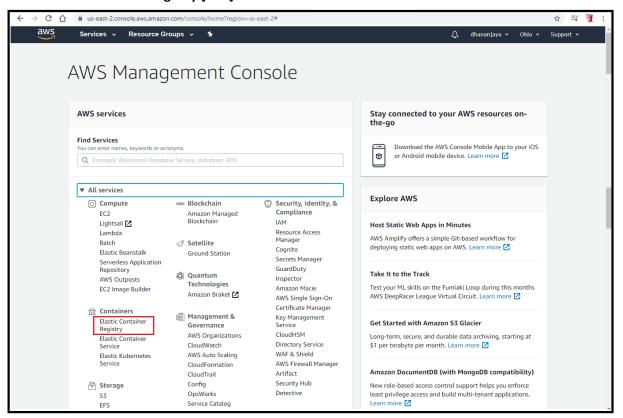


How to push image to Amazon ECR [Elastic Container Registry]

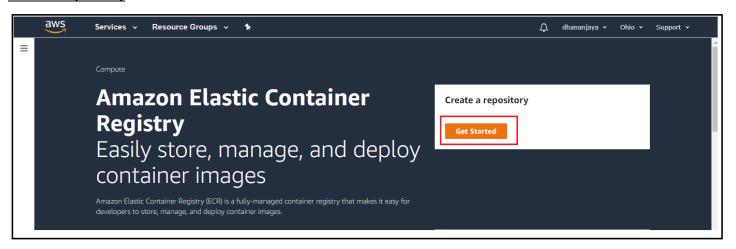
Login to AWS [https://console.aws.amazon.com/console/home]

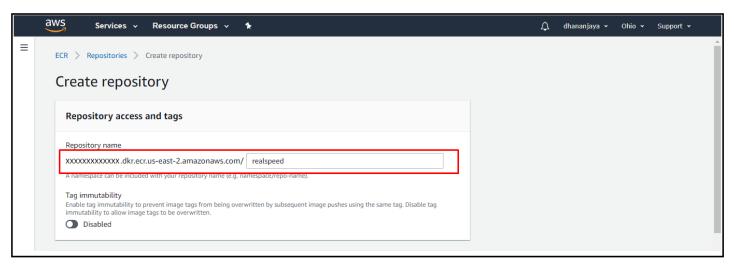


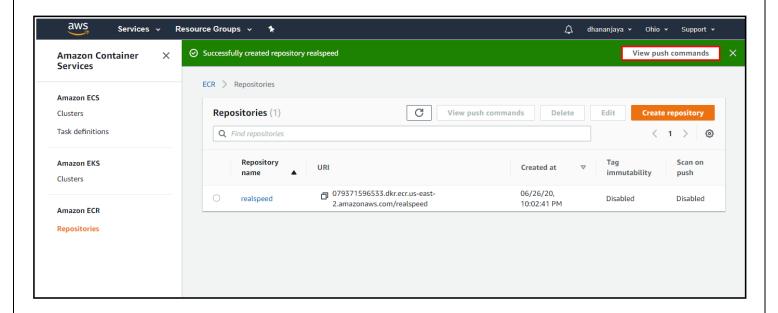
Select Elastic Container Registry [ECR]



Create a repository



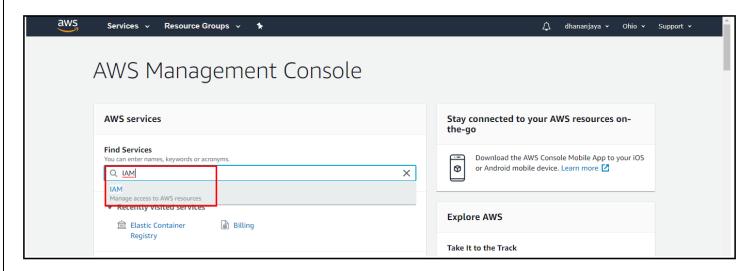


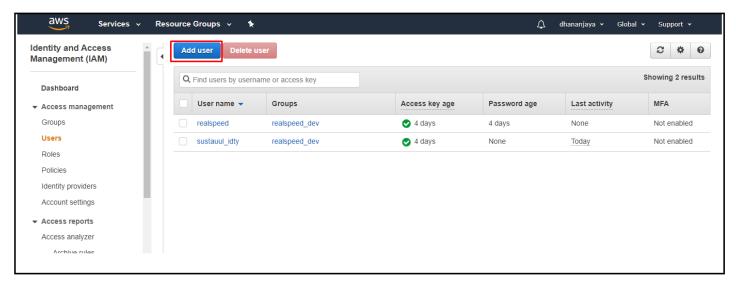


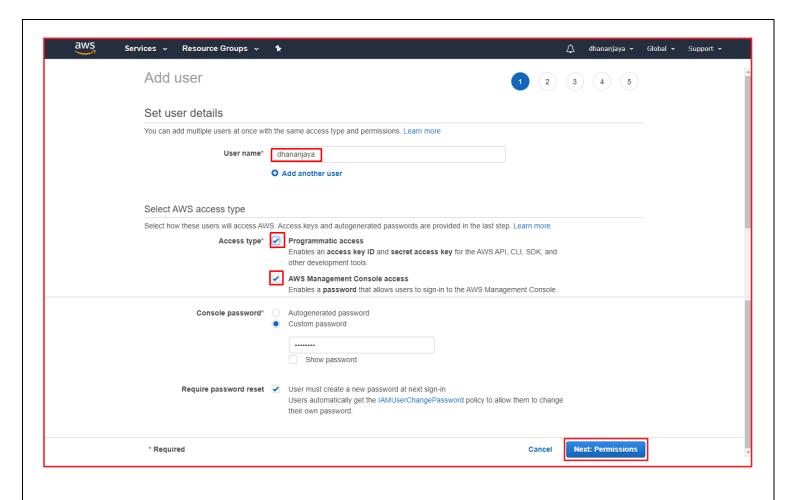
Run below commands for aws repository, But to run below command create IAM user

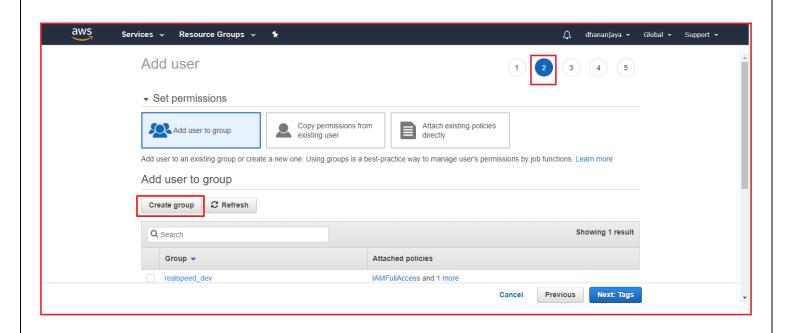
- 1. aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin 079371596533.dkr.ecr.us-east-2.amazonaws.com
- 2. docker tag realspeed:latest 079371596533.dkr.ecr.us-east-2.amazonaws.com/realspeed:latest
- 3. docker push 079371596533.dkr.ecr.us-east-2.amazonaws.com/realspeed:latest

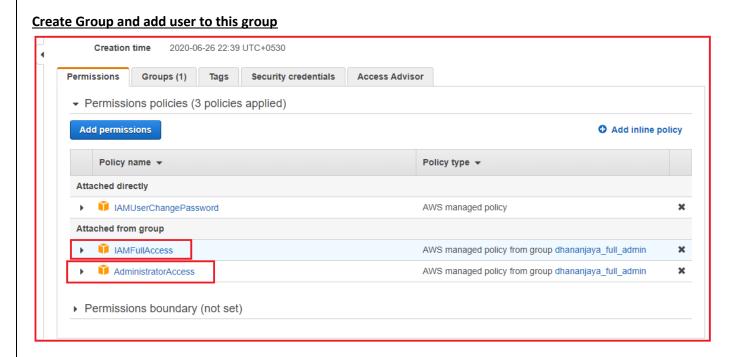
How to create IAM user in AWS

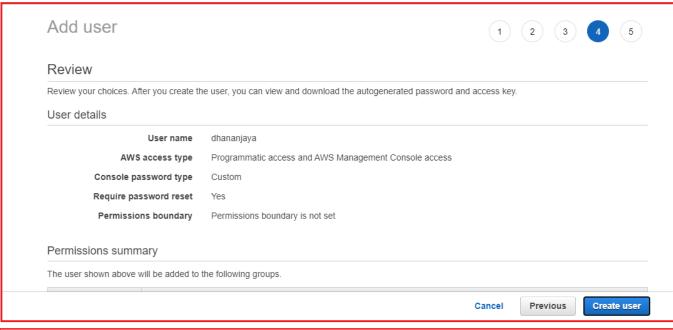


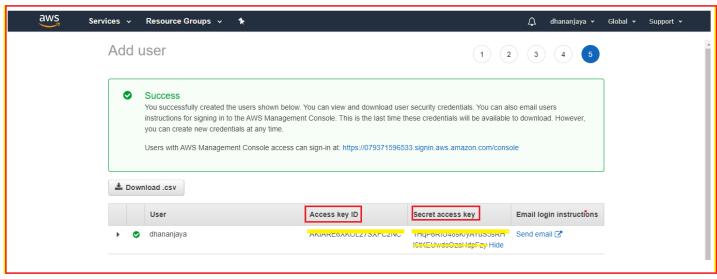












Install AWS CLI: https://docs.aws.amazon.com/AmazonECR/latest/userguide/getting-started-cli.html

Run command aws configure [set user name and password to aws cli]

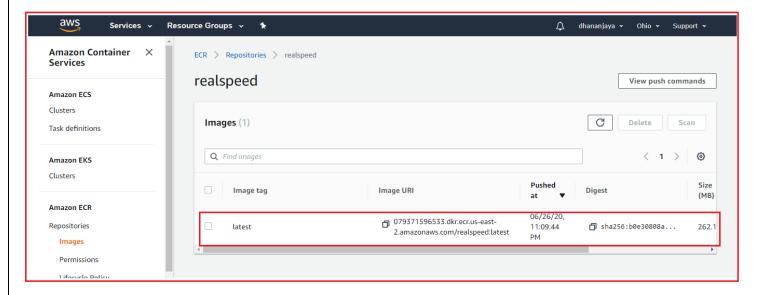
aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin 079371596533.dkr.ecr.us-east-2.amazonaws.com

```
E:\Project\Java_Projects\aws_csr_spring-boot\aws_csr_spring-boot>aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin 07937
1596533.dkr.ecr.us-east-2.amazonaws.com
Login Succeeded
```

docker build -t realspeed.

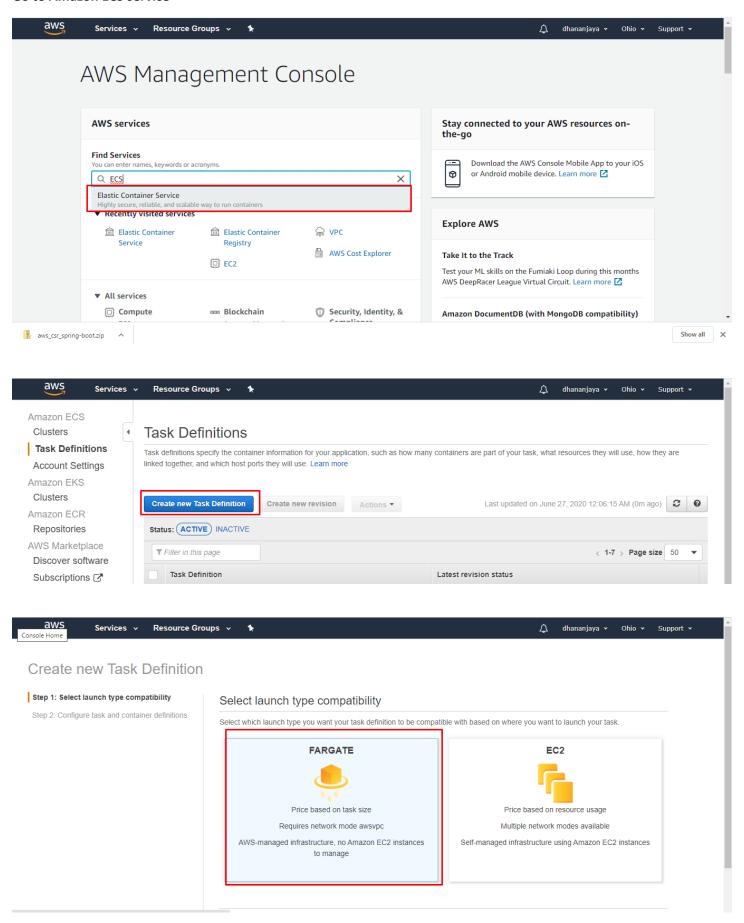
docker tag realspeed:latest 079371596533.dkr.ecr.us-east-2.amazonaws.com/realspeed:latest

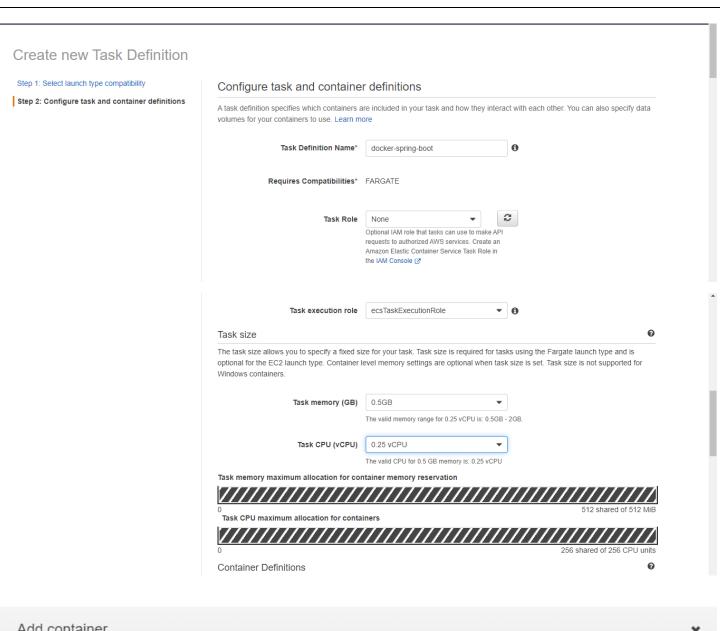
docker push 079371596533.dkr.ecr.us-east-2.amazonaws.com/realspeed:latest

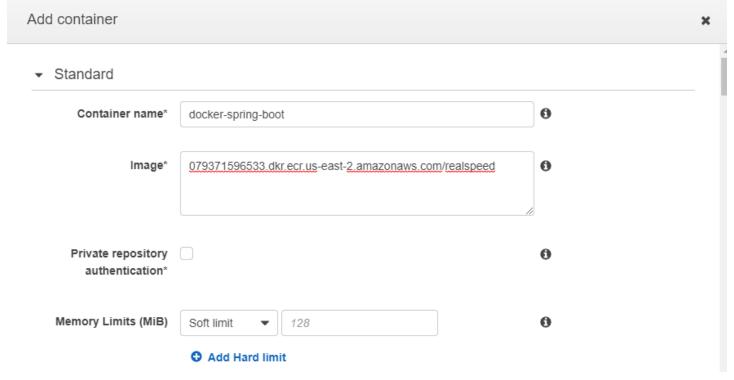


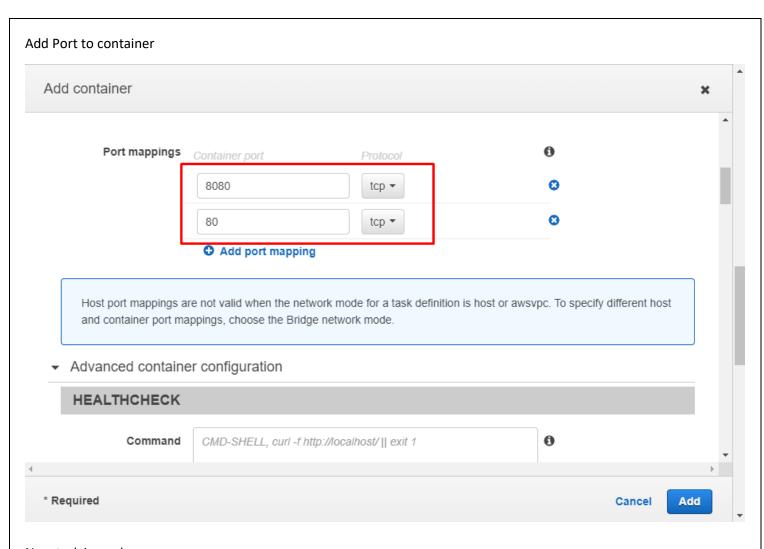
Now Image is pushed to aws repository.

Go to Amazon ECS service



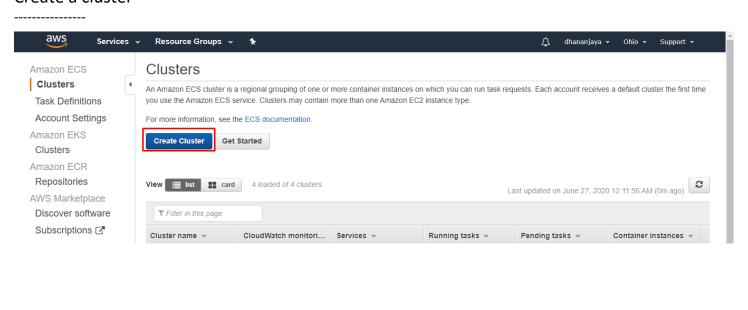


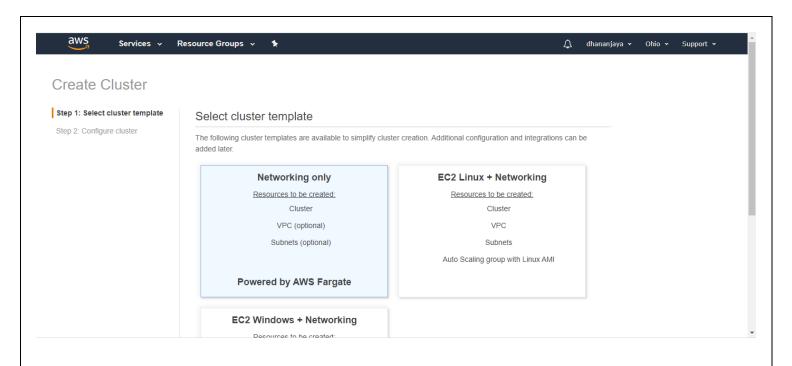


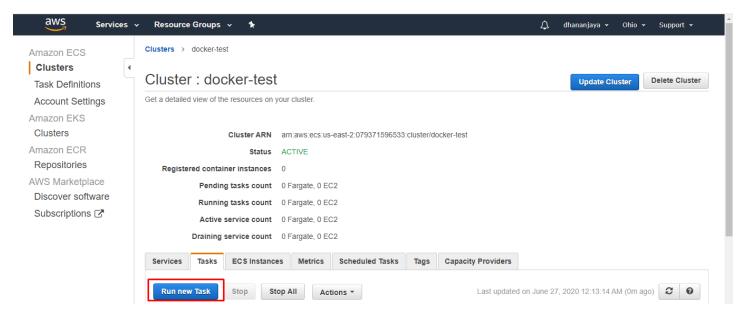


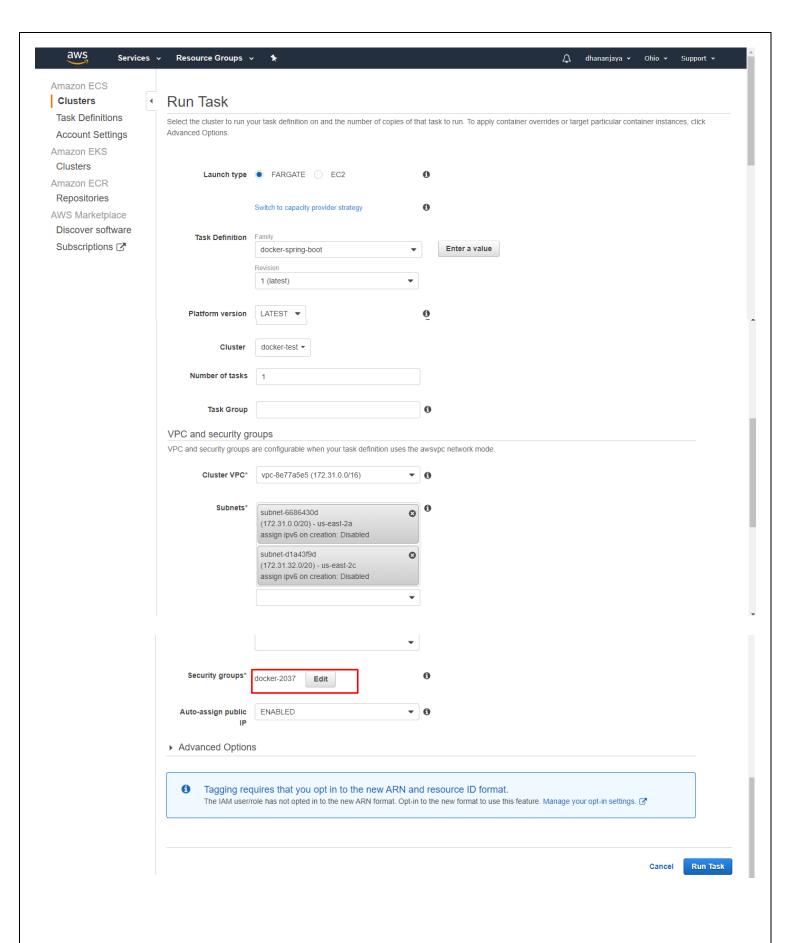
Now task is ready.

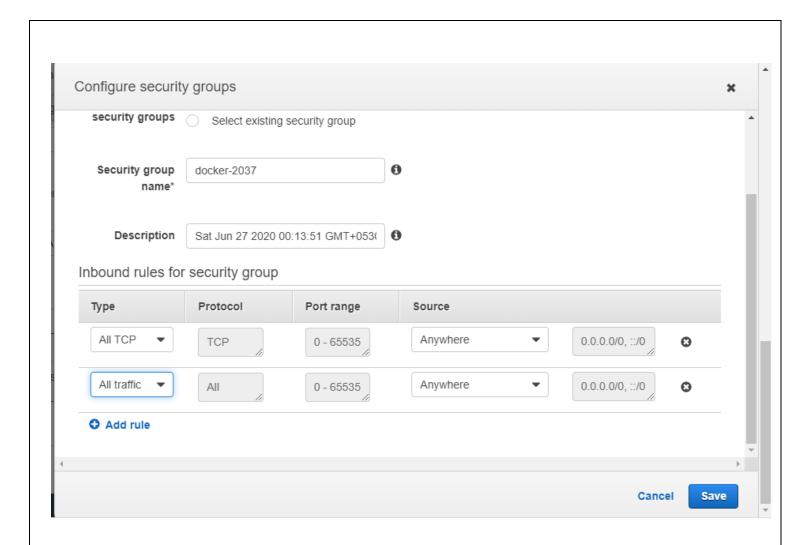
Create a cluster



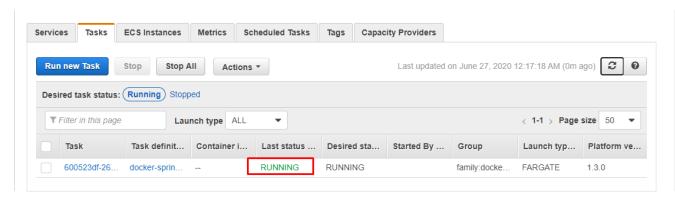


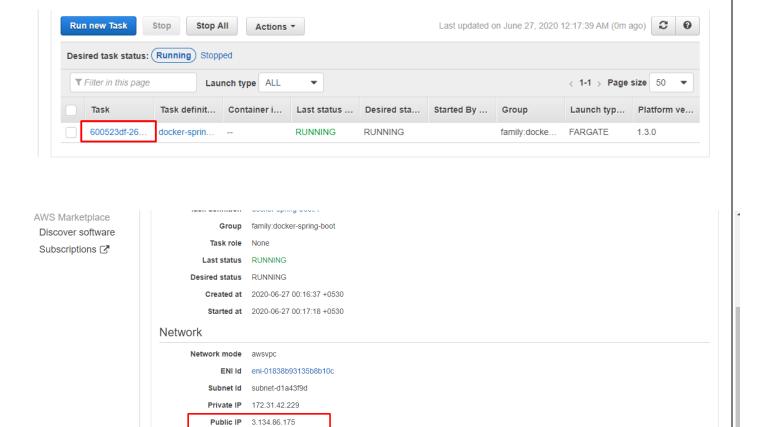


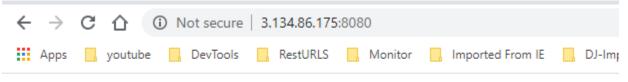




Now after save run the task and wait for deployment







Last updated on June 27, 2020 12:18:00 AM (0m ago)

Mac address 0a:c7:80:66:56:40

Name Container Runtime I St Image

Containers

Hello DJ