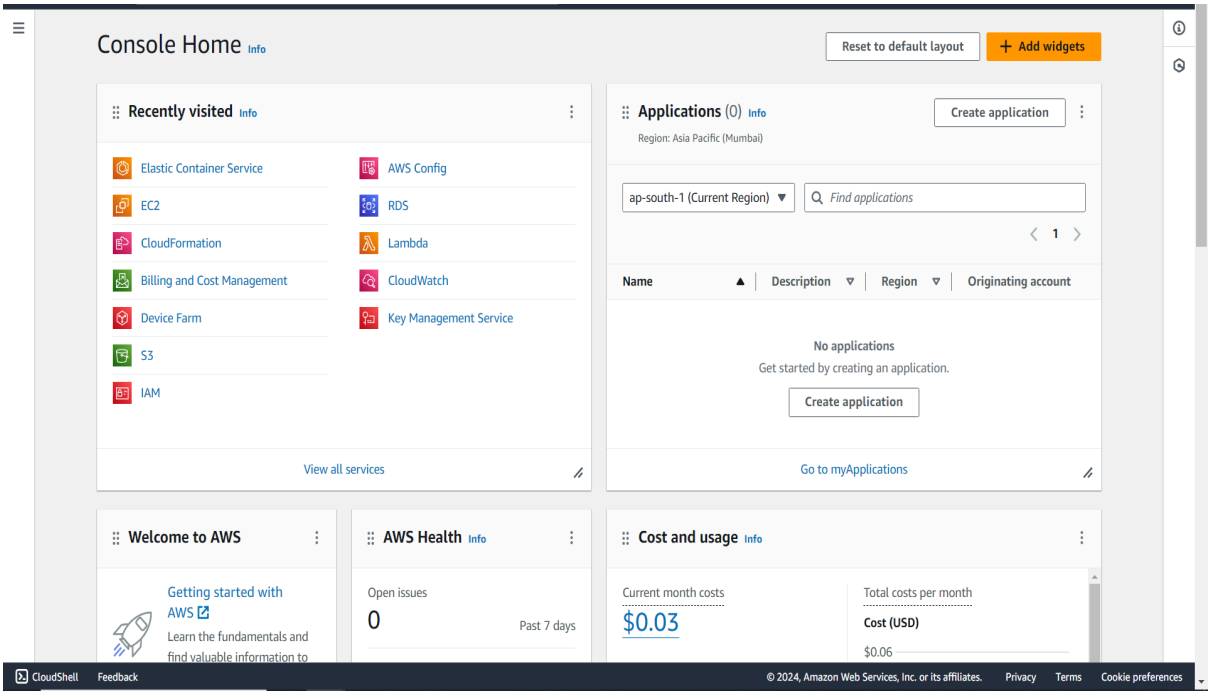
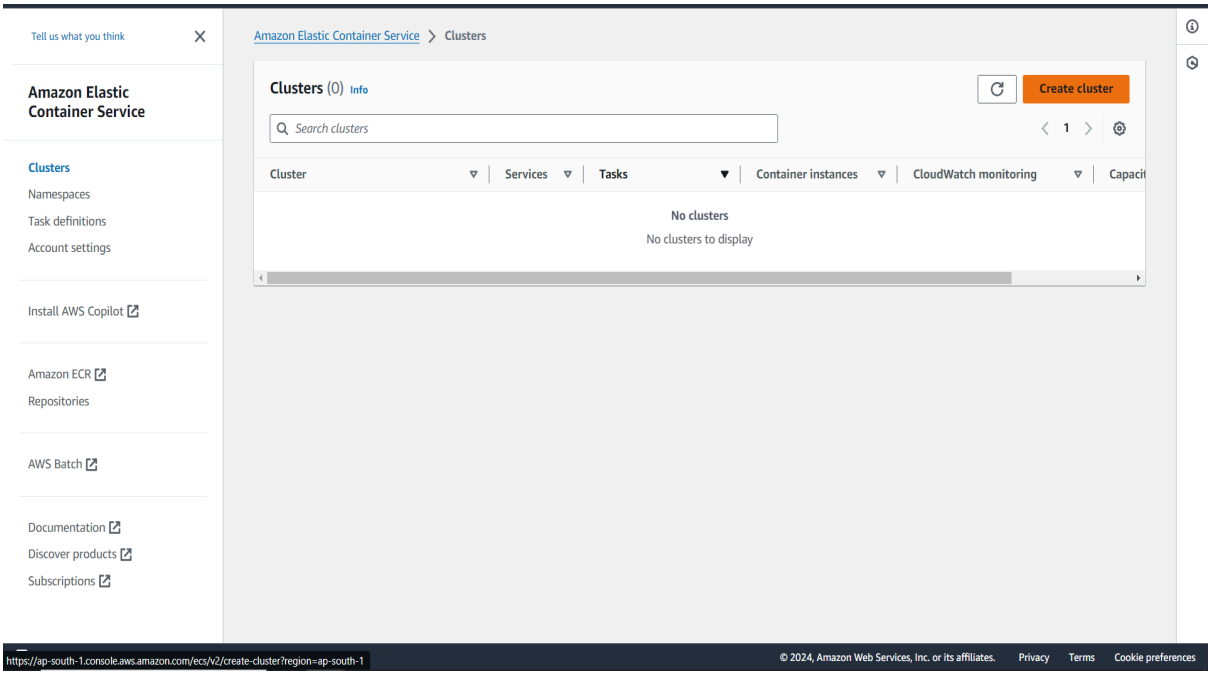
Implementing AWS ECS and Fargate for deploying and managing containerized applications

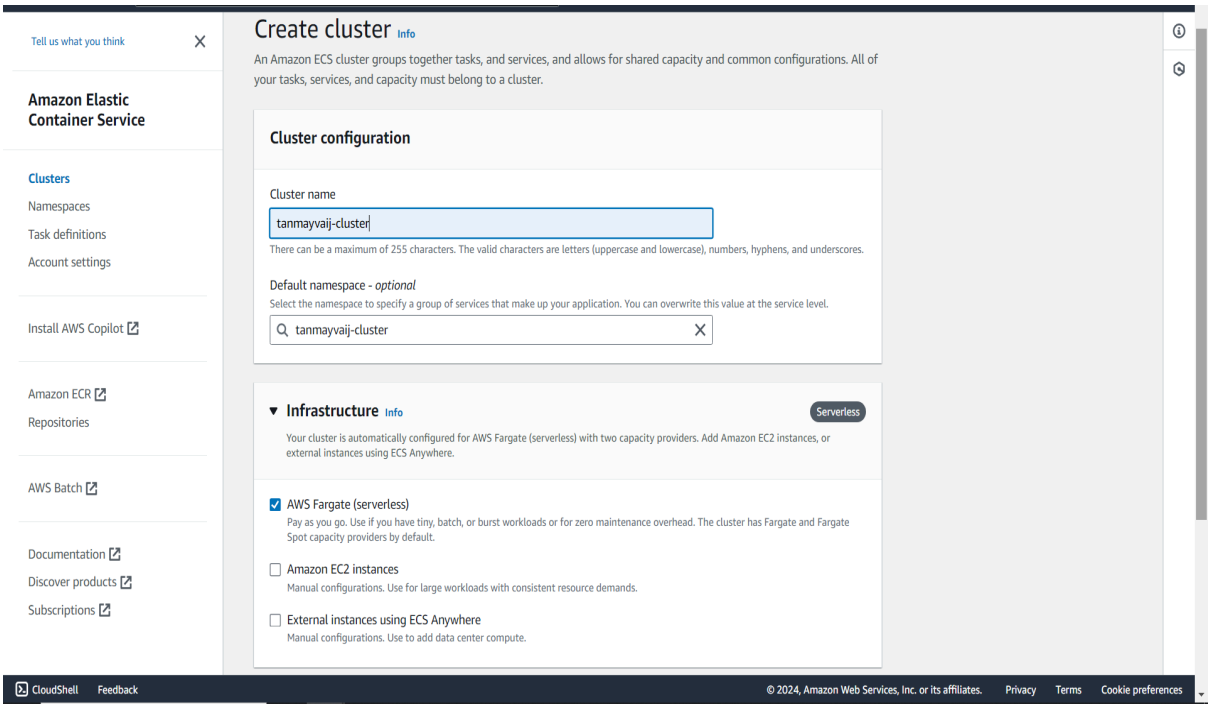
Step 1: Sign in to aws account



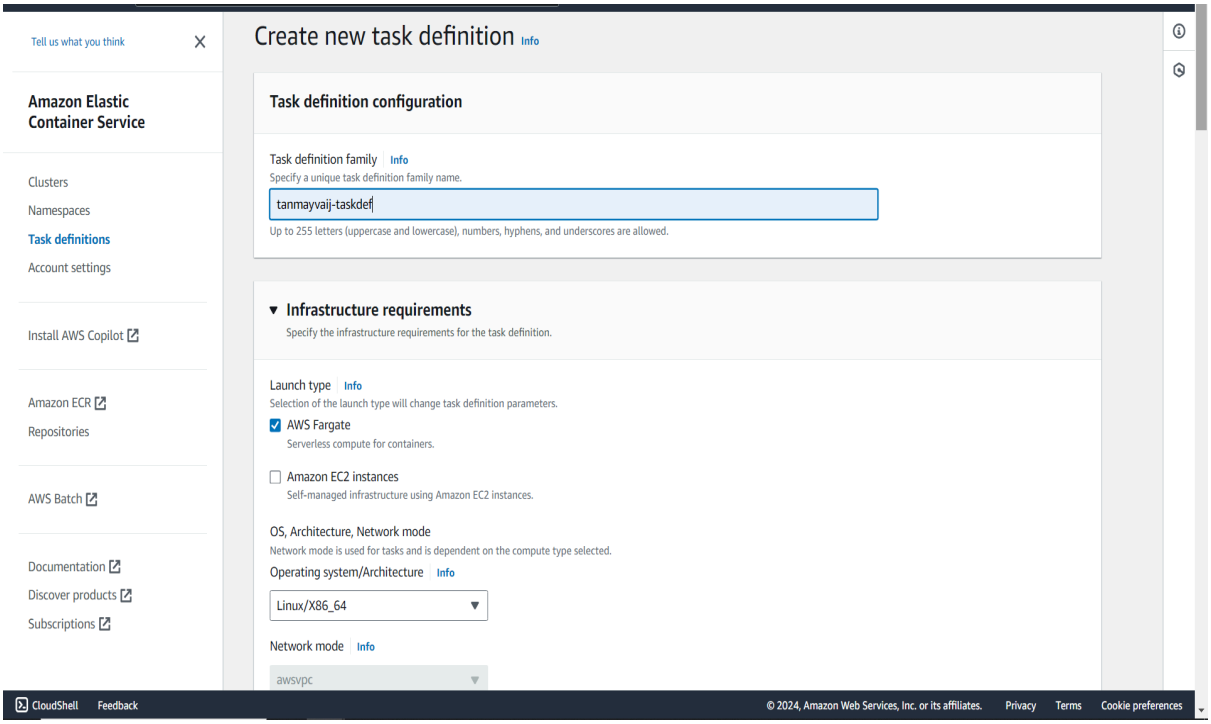
Step 2: Go to 'clusters' in the ECS dashboard and click 'Create cluster'



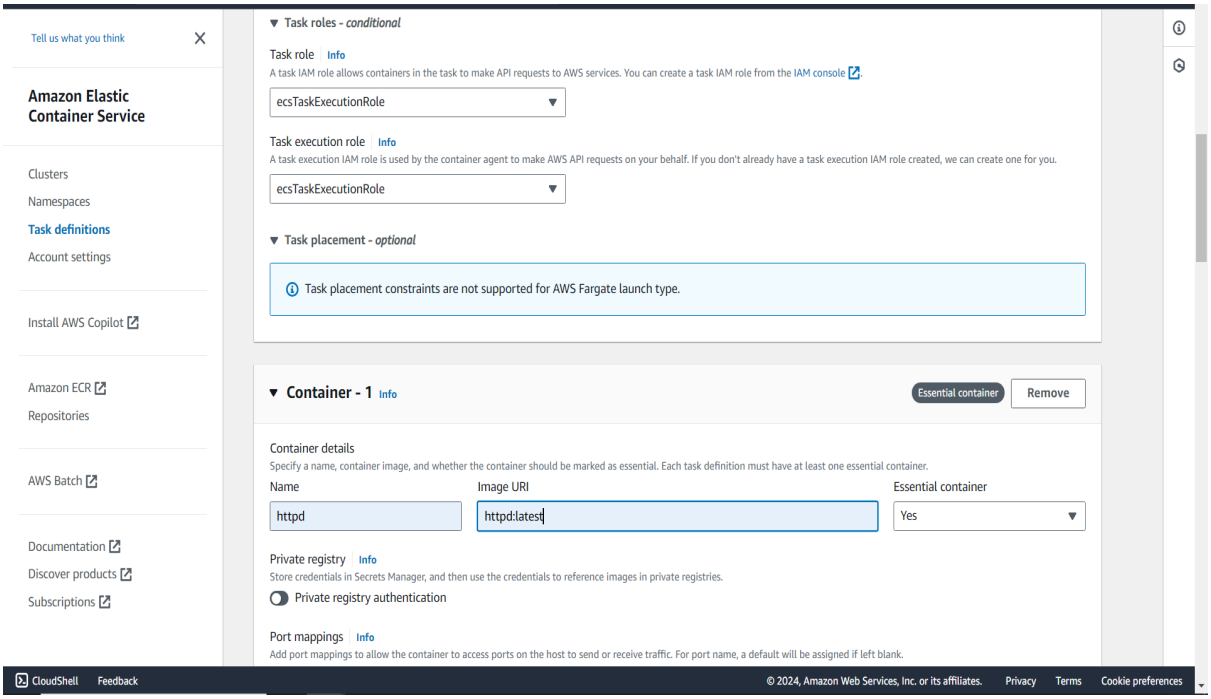
Step 3: Enter cluster name and select ‘AWS Fargate (serverless)’ in the Infrastructure, then click ‘Create’



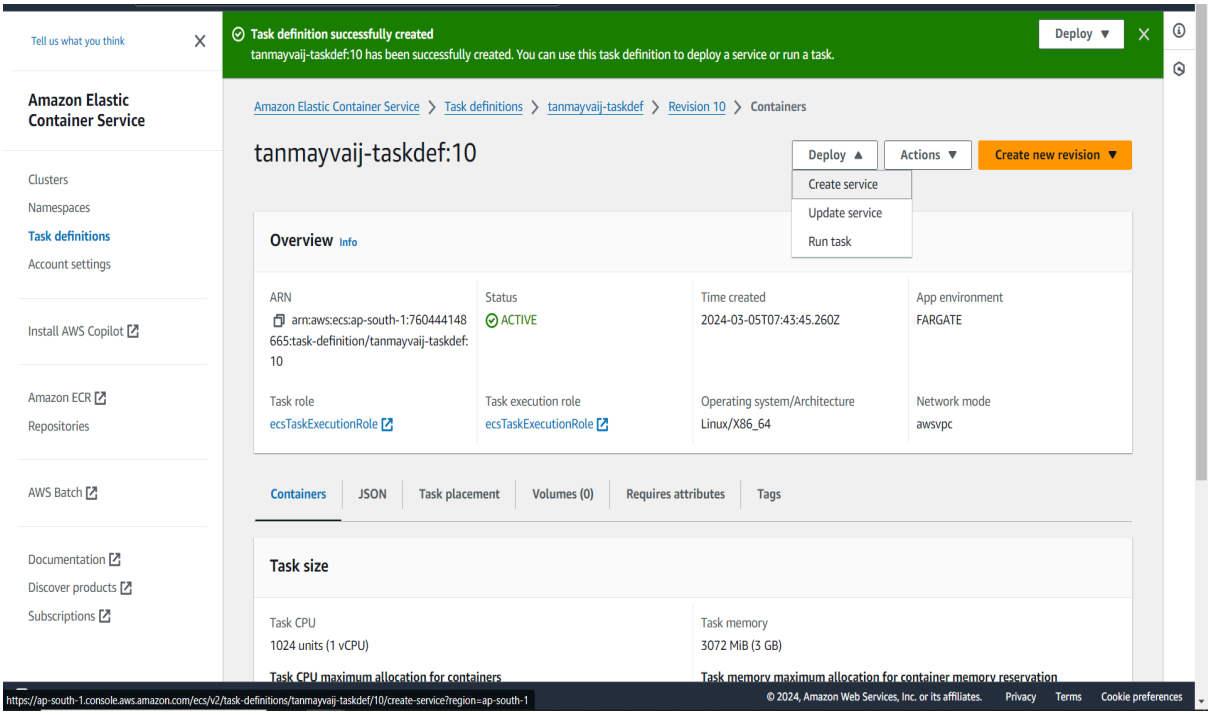
Step 4: Go to ‘Task definition’, enter ‘Task definition family’ and select ‘AWS Fargate’ as the ‘Infrastructure requirements’



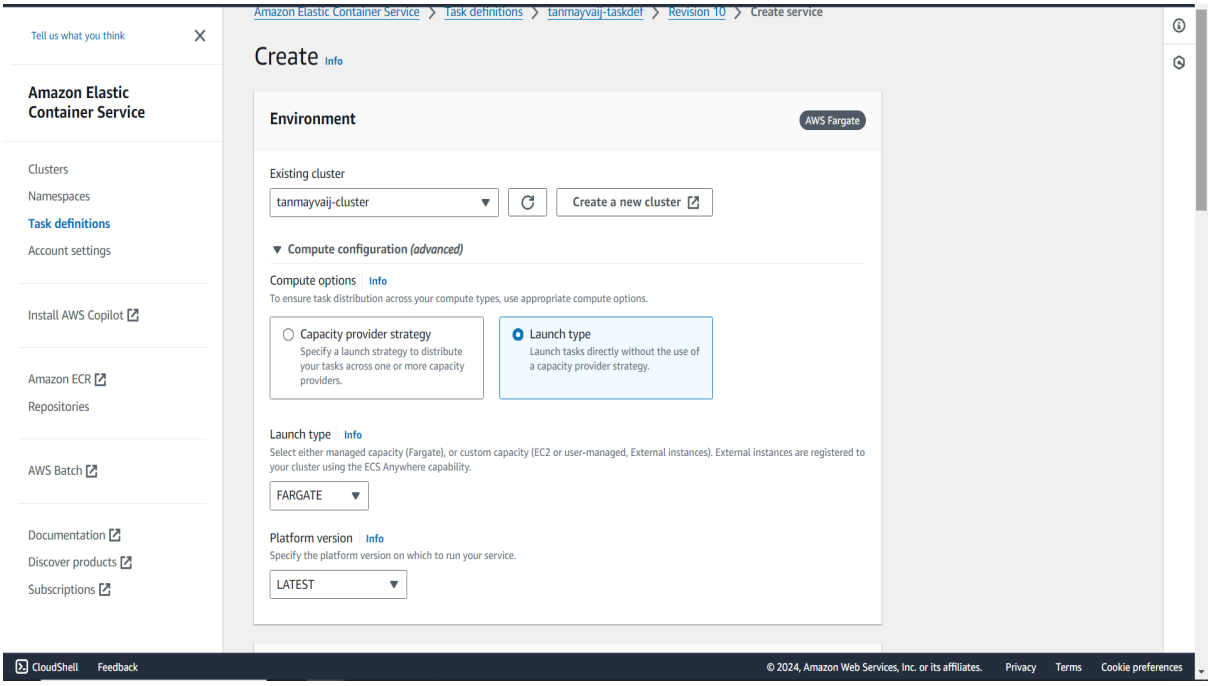
Step 5: Set ‘ec2TaskExecutionRole’ as the ‘Task role’. Then enter name and url of the docker image then click ‘Create’



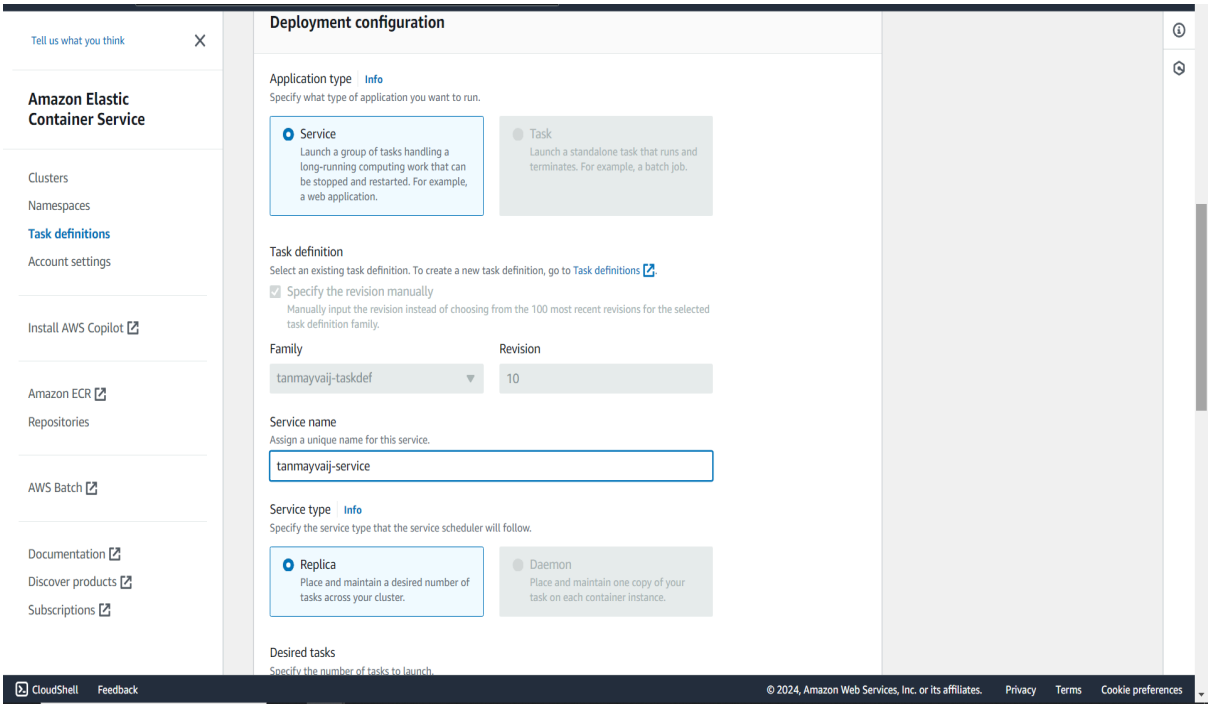
Step 6: After the creation of ‘Task definition’, click on ’Deploy’ then click on ‘Create service’



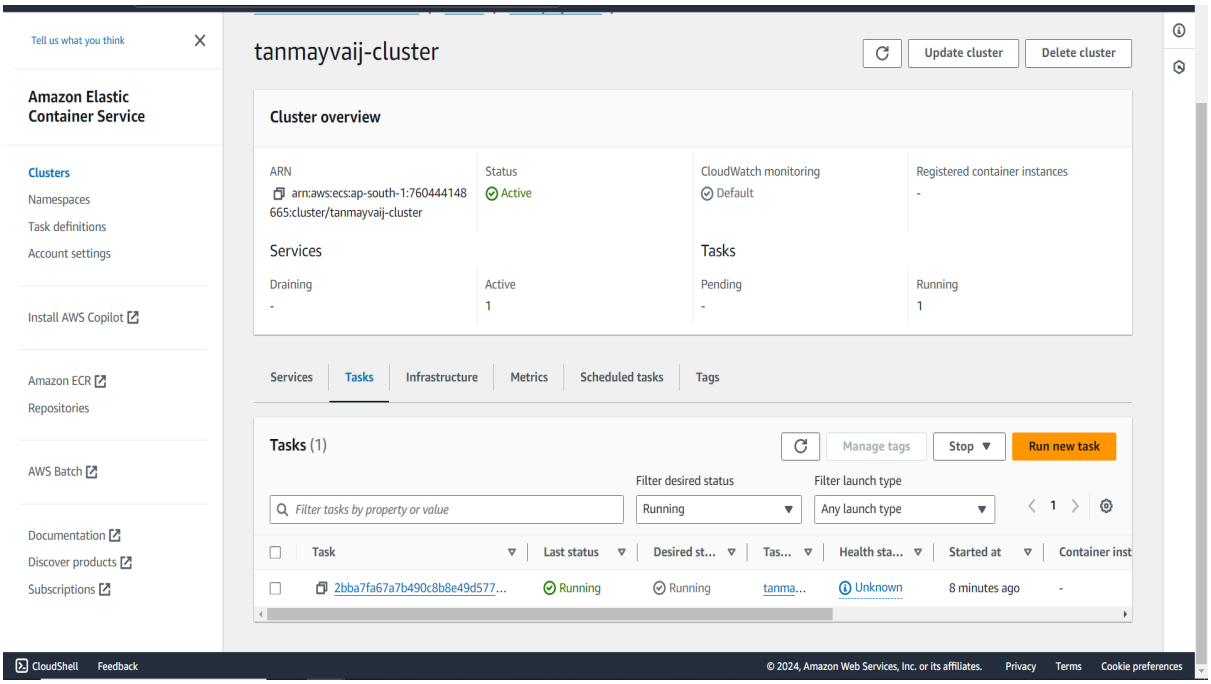
Step 7: Select ‘Launch type’ in the ‘Compute options’, then set ‘Launch type’ to ‘FARGATE’



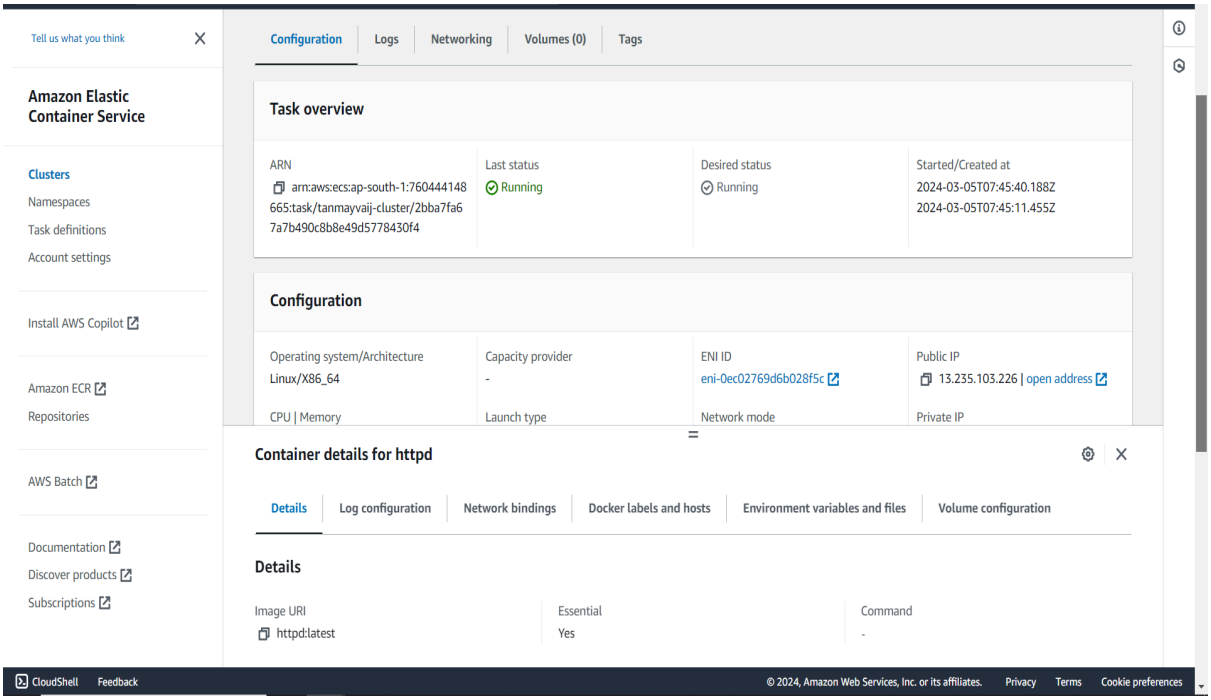
Step 8: Give a ‘Service name’ then click ‘Create’



Step 9: Click on the created cluster then go to the ‘Tasks’ section, then click on the running task



Step 10: In the Configurations section copy and paste the public ip address in the browser



Step 11: ‘It works!’ should be shown on the browser web page

It works!