

Scenario 1:

Clone the Repository on your system.

```
git clone <repository.url>
```

Step 1:

1. First deploy the infra.yaml to setup the vpc, subnets etc.

CMD: aws cloudformation create-stack --stack-name ecs-infra-creation
--template-body file:///Infrastructure.yaml --region 'REGION-NAME' --capabilities
CAPABILITY_IAM

Step 2:

2. Deploy the ECS Cluster with ec2 capabilities and Autoscaling groups.

CMD: aws cloudformation create-stack --stack-name test-ecs-takeaway
--template-body file:///ECS-cluster.yaml --region 'REGION-NAME' --capabilities
CAPABILITY_IAM

Note: In ECS-cluster.yaml file you need to update the values of default with vpcID, SubnetID with the above stack resource values.

Pre-requisite for Service Creation:

Before creating a service you need to create a task definition with the help of jenkins-taskDefinition.json file.

Step 3:

3. Create a Service in cluster. This will launch a task with jenkins task definition.

CMD: aws cloudformation create-stack --stack-name ECS-Service-takeaway
--template-body file:///ECS-Service-takeaway.yaml --region 'REGION-NAME'
--capabilities CAPABILITY_IAM

Note: In ECS-Service-takeaway.yaml file you need to update the values of default with vpcID, GroupSubnetID, SubnetID with the above stack resource values.