**Deploying to container in ecs**

1. **Create a Load Balancer:**

[Step 1: Select a Load Balancer Type](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#select-load-balancer-type)

Choose **Create Load Balancer**.

For **Classic Load Balancer**, choose **Create**.

[Step 2: Define Your Load Balancer](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#define-load-balancer)

Type a name for your load balancer.

For **Available subnets**, select at least one available public subnet using its add icon.

[Step 3: Assign Security Groups to Your Load Balancer in a VPC](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#select-vpc-security-group)

Type a name and description for your security group, or leave the default name and description. This new security group contains a rule that allows traffic to the port that you configured your load balancer to use.

[Step 4: Configure Health Checks for Your EC2 Instances](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#configure-health-check)

On the **Configure Health Check** page, leave **Ping Protocol** set to HTTP and **Ping Port** set to 80.

[Step 5: Register EC2 Instances with Your Load Balancer](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#register-ec2instances)

select the instances to register with your load balancer.

[Step 6: Create and Verify Your Load Balancer](https://docs.aws.amazon.com/elasticloadbalancing/latest/classic/elb-getting-started.html#create-load-balancer)

1. **Creating a cluster**

Step 1: Select Cluster template

In the navigation pane, choose **Clusters**.

Choose Create Cluster and Select cluster compatibility Networking only

Step 2: Configure Cluster

choose a **Cluster name**.

1. **Create a new task definition**

Step1: Select launch type compatibility

choose Fargate

Step 2: Configure task and container definition.

Type a name for your task definition

Choose an IAM role that provides permissions for containers in your task to make calls to AWS APIs on your behalf.

For **Task execution IAM role**, either select your task execution role

choose a value for **Task memory (GB)** and **Task CPU (vCPU)**

1. **Create Container**

Step 1 :Choose Add container.

Step 2: Configure container

Provide container name,image path to be used and the port mappings.

**5.Create Service**

Step 1: Configure Service

Review the task definition, and choose **Actions**, **Create Service**.

fill out the following parameters accordingly:

**Cluster Service name**

**Service type**

**Number of tasks Minimum healthy percent**

**Maximum percent**

Step 2: Configure Network

If you selected the Fargate launch type, select the VPC that the Fargate tasks should use.

Choose the available subnets for your service task placement.

Choose the load balancer type to use with your service:Application Load Balancer.

Choose the container and port combination from your task definition that your load balancer should distribute traffic.